

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
 Data File : BP017699.D
 Acq On : 17 Oct 2023 15:46
 Operator : MA/JU
 Sample : 03573-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06

Quant Time: Oct 18 01:29:21 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 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	69504	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	271410	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	174763	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	410411	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	485929	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	581667	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10586	5.615	ng/uL	0.00
4) Pyridine-d5	3.699	84	119430	22.918	ng/u1	0.00
7) Phenol-d5	7.058	99	134629	20.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	87384	22.268	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	113209	22.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	103726	20.069	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	50486	22.146	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	52722	20.565	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	101170	20.997	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	146178	21.166	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	335438	22.162	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	364721	22.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	47911m	18.927	ng/u1	0.01
60) Fluorene-d10	15.604	176	304931	23.684	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	43293	14.924	ng/u1	0.00
73) Anthracene-d10	17.492	188	500607	23.628	ng/u1	0.00
81) Pyrene-d10	19.751	212	639877	21.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	779119	23.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	2449	1.225	ng/uL#	83
5) Pyridine	3.723	79	19036m	3.557	ng/u1	
6) Benzaldehyde	7.069	77	15328	4.677	ng/u1	97
8) Phenol	7.087	94	27032	4.209	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.340	93	21240	4.122	ng/u1	90
12) 2-Chlorophenol	7.458	128	22592	4.515	ng/u1	92
13) 2-Methylphenol	8.358	108	16956	3.547	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.416	45	27954m	4.204	ng/u1	
16) Acetophenone	8.763	105	33313	4.142	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.722	70	16667	4.095	ng/u1	95
18) 4-Methylphenol	8.693	108	20740m	3.991	ng/u1	
19) Hexachloroethane	8.963	117	9580	4.285	ng/u1	93
22) Nitrobenzene	9.152	77	27499	4.696	ng/u1#	89
23) Isophorone	9.669	82	42049	3.983	ng/u1#	97
25) 2-Nitrophenol	9.857	139	12308	4.513	ng/u1	95
26) 2,4-Dimethylphenol	9.905	107	23452	4.328	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.157	93	28919	4.483	ng/u1#	95
29) 2,4-Dichlorophenol	10.387	162	20995	4.516	ng/u1	93
30) Naphthalene	10.787	128	75269	4.770	ng/u1	97
32) 4-Chloroaniline	10.940	127	28957	4.385	ng/u1	94
33) Hexachlorobutadiene	11.010	225	17790	4.949	ng/u1	97
34) Caprolactam	11.769	113	7512m	5.282	ng/u1	
35) 4-Chloro-3-methylphenol	12.052	107	17034	3.473	ng/u1	97
36) 2-Methylnaphthalene	12.410	142	47897	4.433	ng/u1	93

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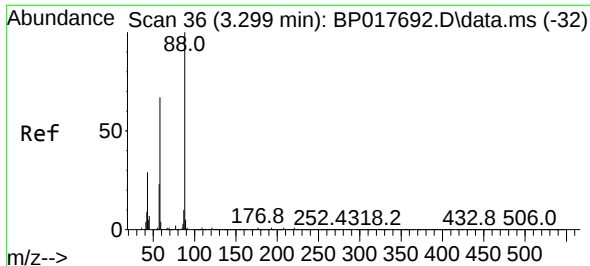
Quant Time: Oct 18 01:29:21 2023
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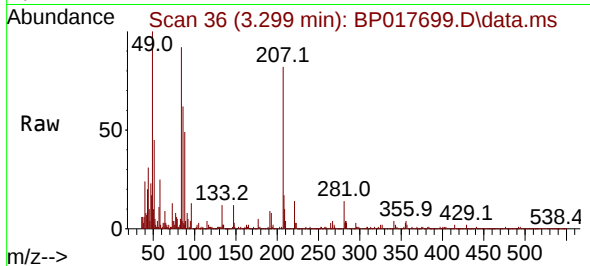
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	40393	3.683	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	29143	4.571	ng/ul#	94
40) Hexachlorocyclopentadiene	12.704	237	9109	3.180	ng/ul	91
41) 2,4,6-Trichlorophenol	13.028	196	14364	3.658	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.110	196	15419m	3.720	ng/ul	
43) 1,1'-Biphenyl	13.428	154	66909	4.671	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	55043	4.804	ng/ul	95
45) 2-Nitroaniline	13.728	65	11672	3.685	ng/ul	87
47) Dimethylphthalate	14.069	163	67701	4.529	ng/ul#	96
48) 2,6-Dinitrotoluene	14.222	165	9712	3.511	ng/ul#	88
50) Acenaphthylene	14.328	152	85281	4.625	ng/ul	99
51) 3-Nitroaniline	14.575	138	9119m	3.268	ng/ul	
52) Acenaphthene	14.663	153	58592	4.778	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	9759m	5.713	ng/ul	
55) 4-Nitrophenol	14.875	109	9785	4.126	ng/ul#	83
56) Dibenzofuran	15.010	168	83639	4.754	ng/ul	94
57) 2,4-Dinitrotoluene	15.016	165	15710	3.679	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.234	232	15405	4.018	ng/ul	96
59) Diethylphthalate	15.428	149	65540	4.371	ng/ul#	97
61) Fluorene	15.663	166	69523	4.793	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	37244	4.829	ng/ul	98
63) 4-Nitroaniline	15.751	138	11919m	4.299	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	10300	3.390	ng/ul#	67
67) N-Nitrosodiphenylamine	15.887	169	55046	4.489	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	21685	4.382	ng/ul	94
69) Hexachlorobenzene	16.645	284	27024	4.588	ng/ul	97
70) Atrazine	16.851	200	13577m	2.861	ng/ul	
71) Pentachlorophenol	17.028	266	14157m	3.969	ng/ul	
72) Phenanthrene	17.434	178	116275	4.816	ng/ul	99
74) Anthracene	17.534	178	113355	4.641	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	22188	3.426	ng/uL	98
76) Pentachlorobenzene	14.898	250	26315	3.960	ng/uL	93
77) Carbazole	17.834	167	91546	4.139	ng/ul	96
78) Di-n-butylphthalate	18.339	149	97065	3.564	ng/ul	98
80) Fluoranthene	19.422	202	138218	4.135	ng/ul	99
82) Pyrene	19.781	202	161300	4.620	ng/ul	100
83) Butylbenzylphthalate	20.657	149	41260	3.037	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	51714	4.155	ng/ul	99
85) Benzo(a)anthracene	21.522	228	162901	4.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	54468	2.652	ng/ul	98
87) Chrysene	21.575	228	166219	4.834	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	98254	2.587	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	177290	4.476	ng/ul	98
91) Benzo(k)fluoranthene	23.363	252	172381	4.374	ng/ul	100
93) Benzo(a)pyrene	23.986	252	169591	4.598	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.839	276	216944	4.796	ng/ul	97
95) Dibenzo(a,h)anthracene	26.862	278	178194	4.700	ng/ul	97
96) Benzo(g,h,i)perylene	27.686	276	179286	4.984	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.225 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

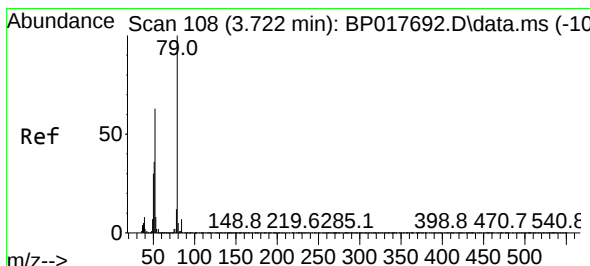
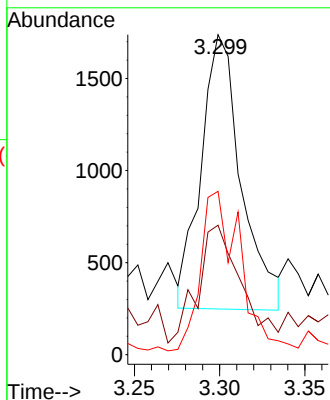
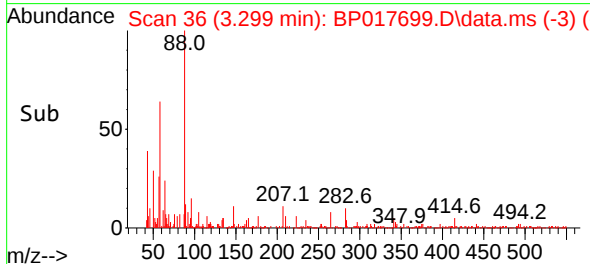
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



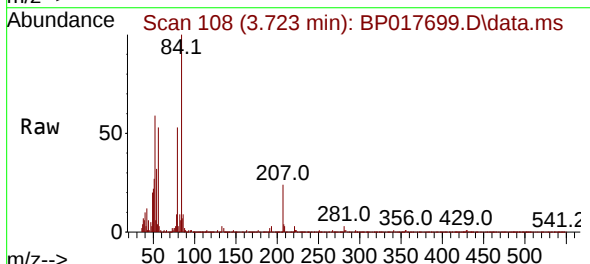
Tgt Ion: 88 Resp: 2449
Ion Ratio Lower Upper
88 100
43 40.4 27.3 40.9
58 51.0 53.3 79.9

Manual Integrations
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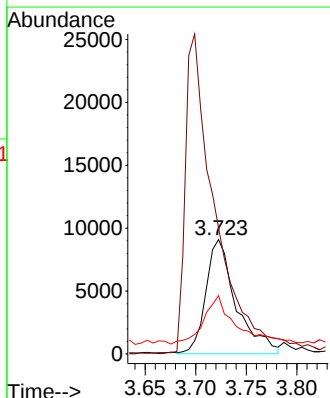
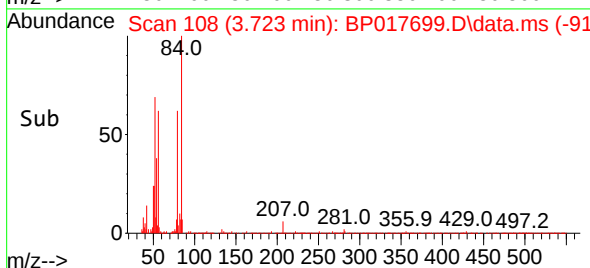
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

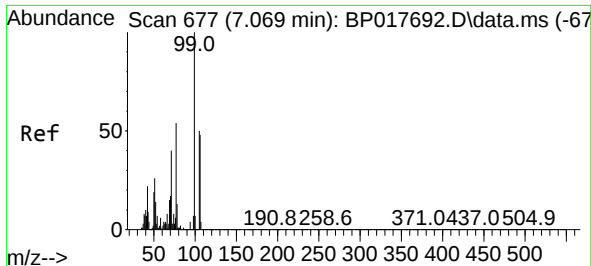


#5
Pyridine
Concen: 3.557 ng/uL m
RT: 3.723 min Scan# 108
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



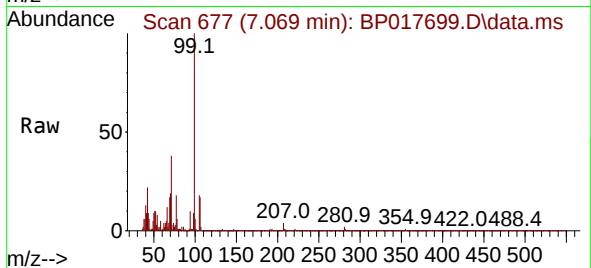
Tgt Ion: 79 Resp: 19036
Ion Ratio Lower Upper
79 100
52 110.4 55.8 83.6#
51 50.9 28.7 43.1#





#6
Benzaldehyde
Concen: 4.677 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

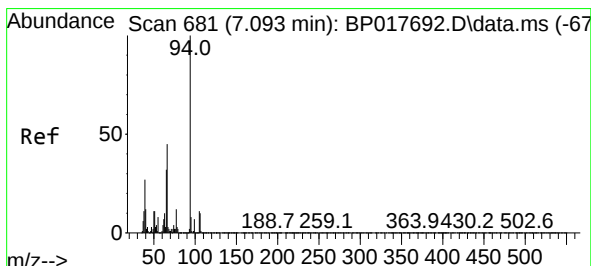
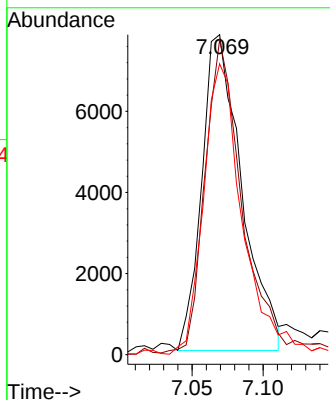
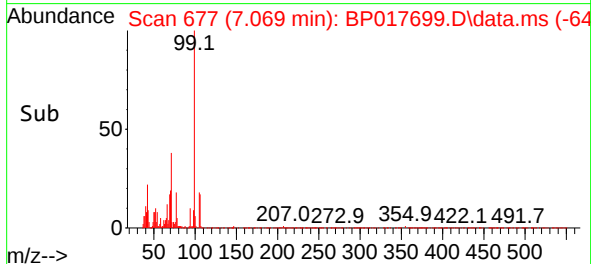
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



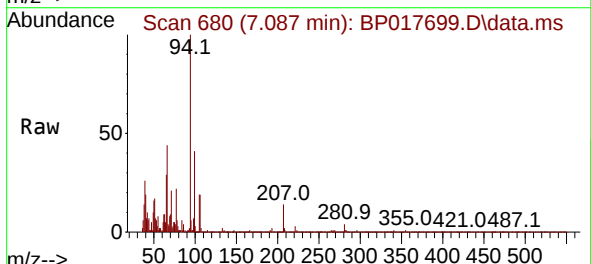
Tgt Ion: 77 Resp: 15328
Ion Ratio Lower Upper
77 100
105 98.4 74.9 112.3
106 90.9 72.2 108.2

Manual Integrations
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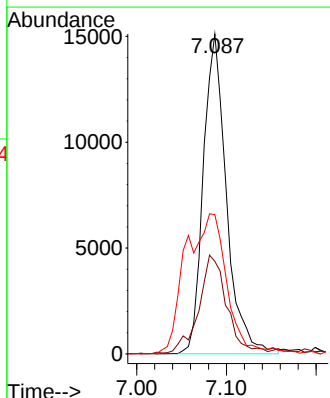
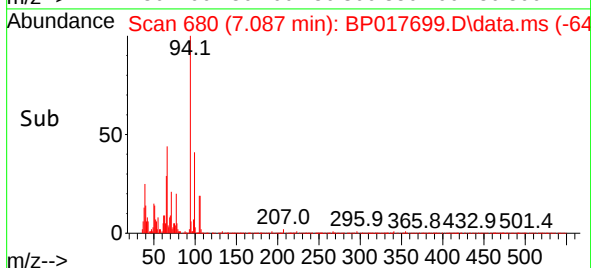
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

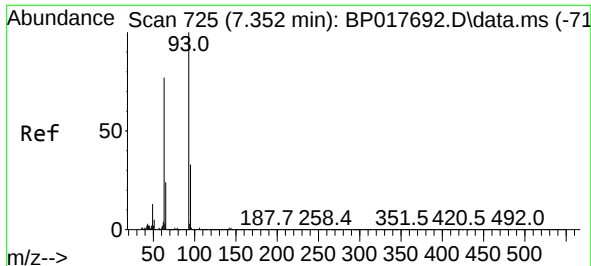


#8
Phenol
Concen: 4.209 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



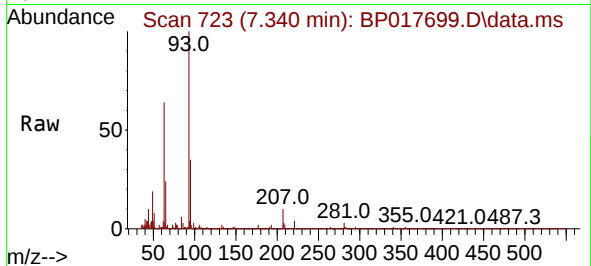
Tgt Ion: 94 Resp: 27032
Ion Ratio Lower Upper
94 100
65 29.0 24.2 36.4
66 43.6 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.122 ng/ul
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

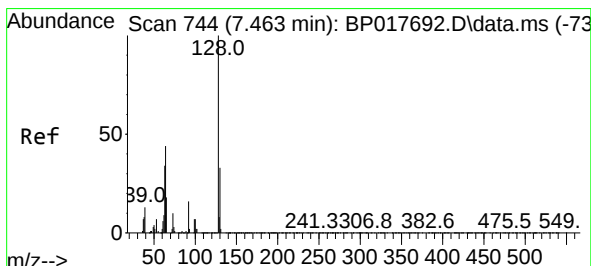
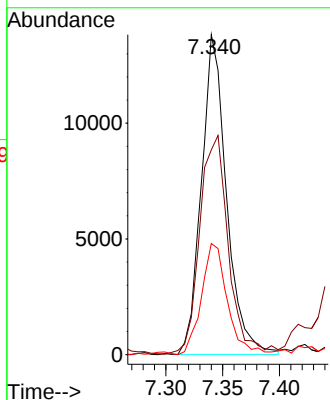
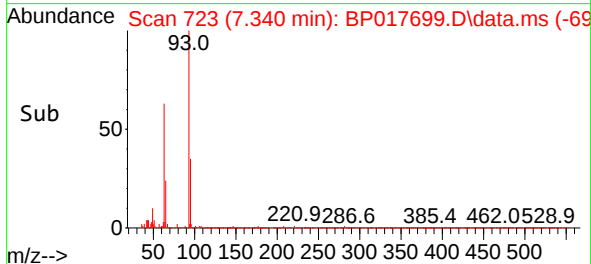
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 93 Resp: 21240
Ion Ratio Lower Upper
93 100
63 64.0 59.4 89.2
95 34.8 25.3 37.9

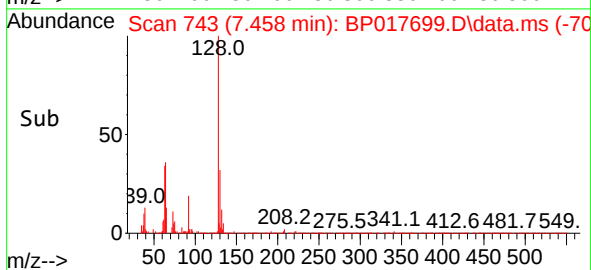
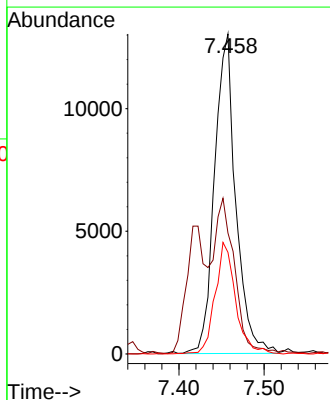
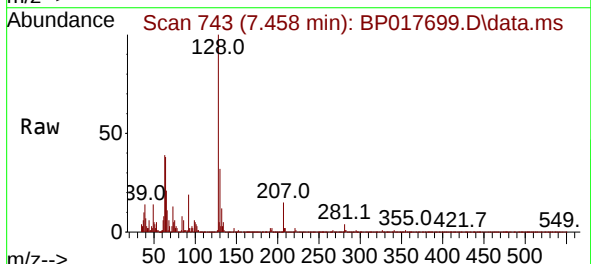
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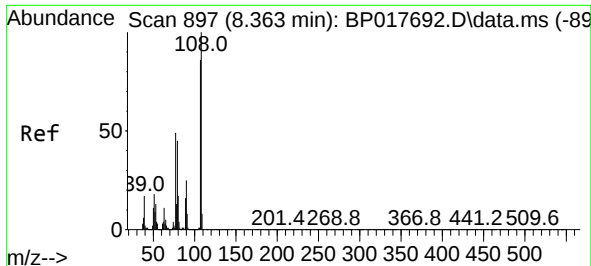
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#12
2-Chlorophenol
Concen: 4.515 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

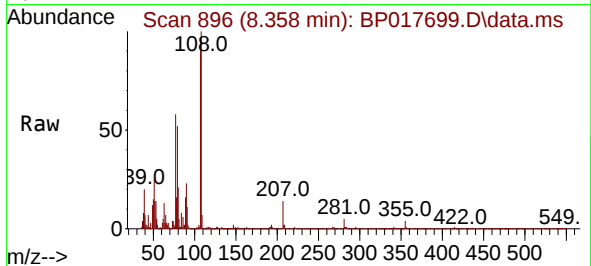
Tgt Ion:128 Resp: 22592
Ion Ratio Lower Upper
128 100
64 37.8 36.9 55.3
130 31.8 25.8 38.8





#13
2-Methylphenol
Concen: 3.547 ng/ul
RT: 8.358 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

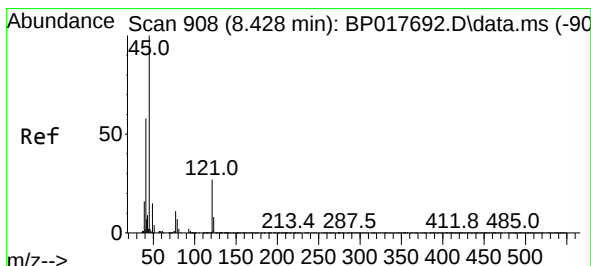
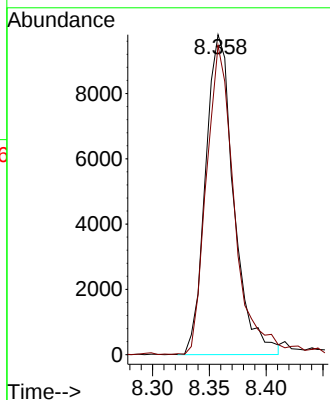
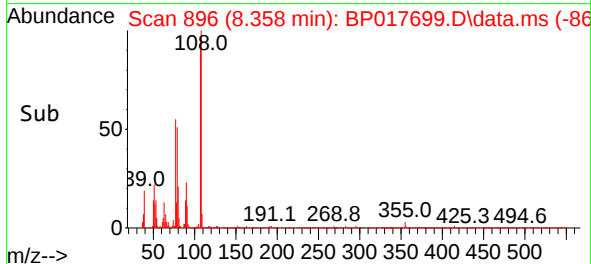
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Tgt Ion:108 Resp: 16950
Ion Ratio Lower Upper
108 100
107 96.6 70.2 105.2

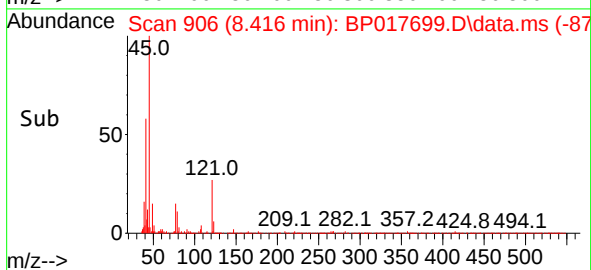
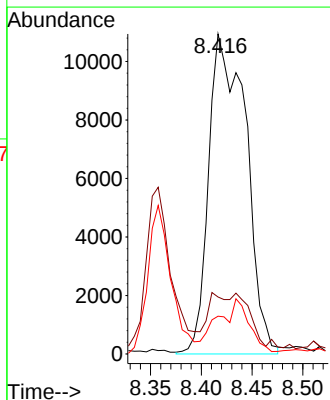
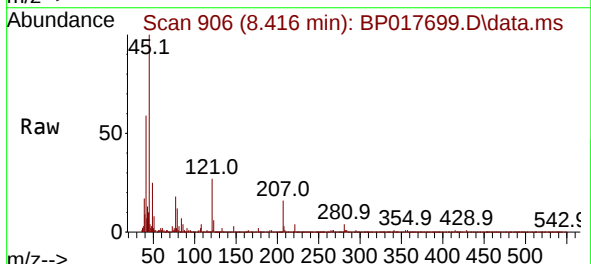
Manual Integrations
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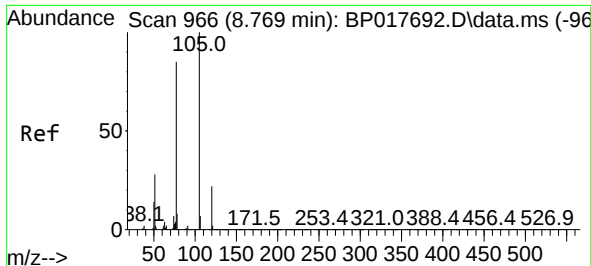
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.204 ng/ul m
RT: 8.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

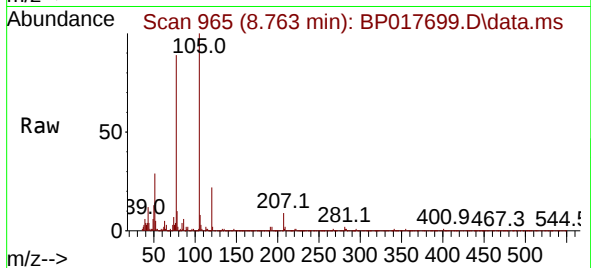
Tgt Ion: 45 Resp: 27954
Ion Ratio Lower Upper
45 100
77 17.8 13.0 19.6
79 11.8 9.5 14.3





#16
Acetophenone
Concen: 4.142 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

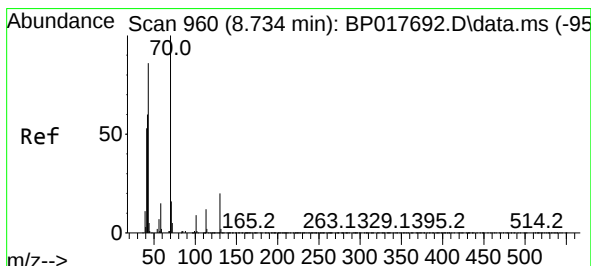
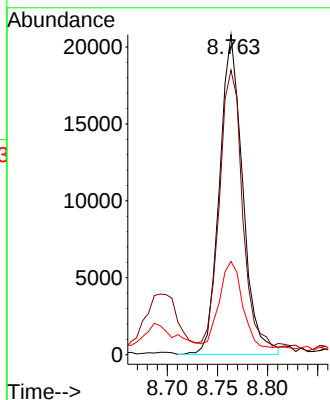
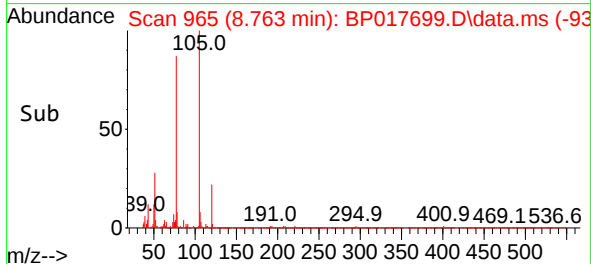
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ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:105 Resp: 3331
Ion Ratio Lower Upper
105 100
77 88.9 64.3 96.5
51 29.2 22.6 33.8

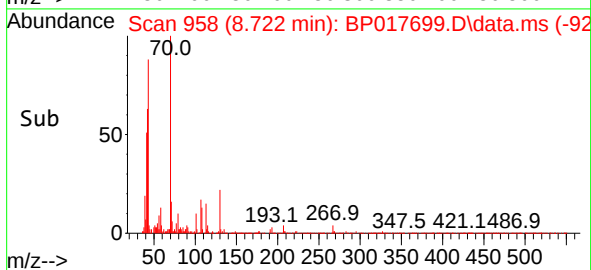
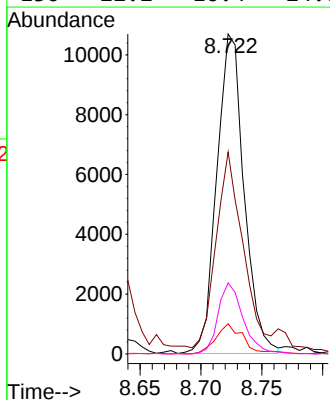
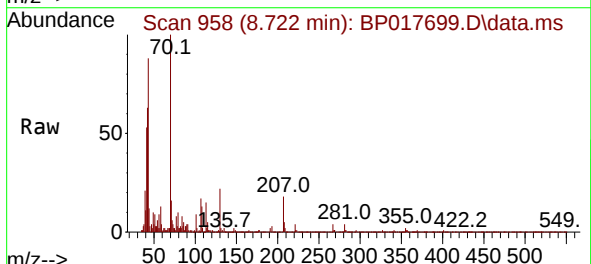
Manual Integrations
APPROVED

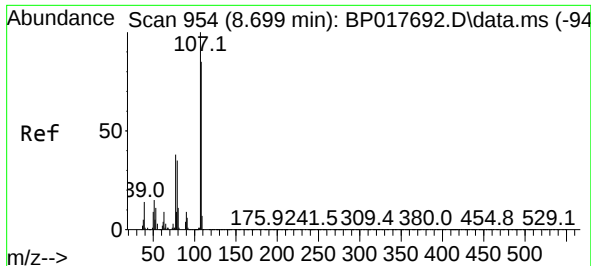
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.095 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

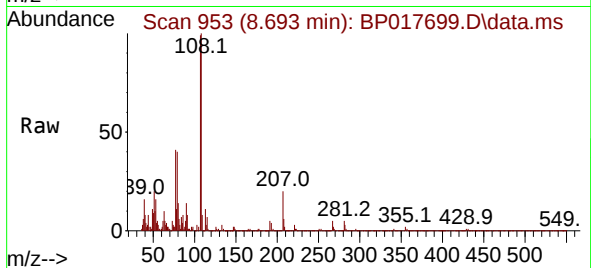
Tgt Ion: 70 Resp: 16667
Ion Ratio Lower Upper
70 100
42 63.1 46.6 70.0
101 9.5 7.8 11.6
130 22.2 16.4 24.6





#18
4-Methylphenol
Concen: 3.991 ng/ul m
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

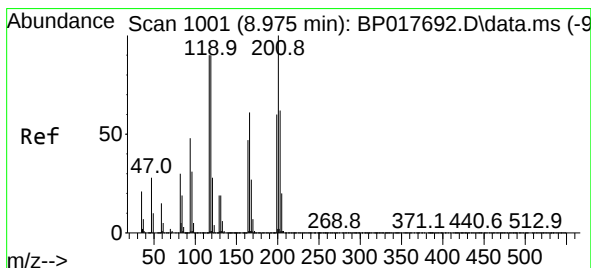
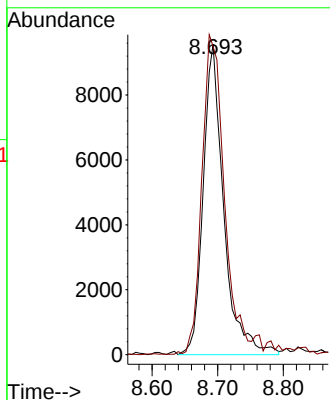
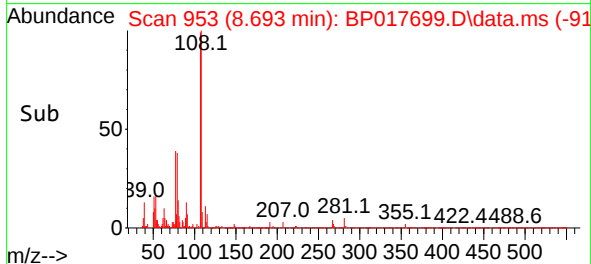
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:108 Resp: 20740
Ion Ratio Lower Upper
108 100
107 99.3 89.4 134.2

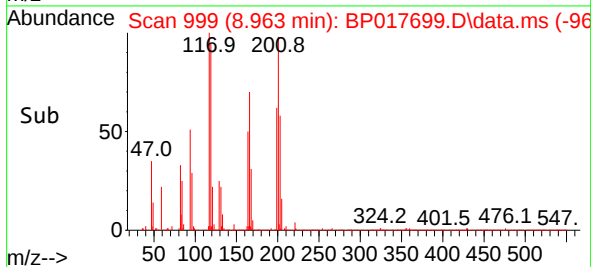
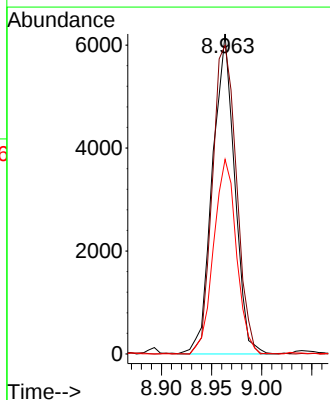
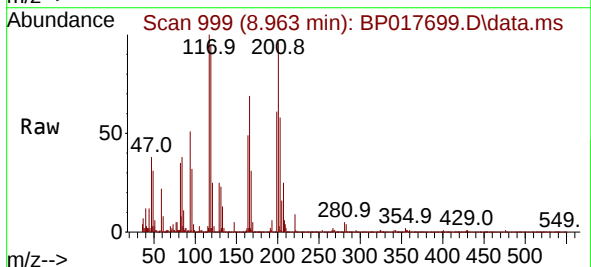
Manual Integrations
APPROVED

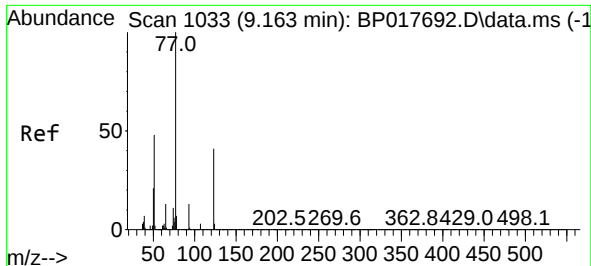
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#19
Hexachloroethane
Concen: 4.285 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:117 Resp: 9580
Ion Ratio Lower Upper
117 100
201 99.6 85.4 128.2
199 60.8 53.7 80.5





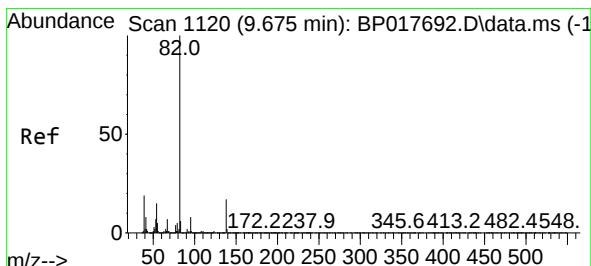
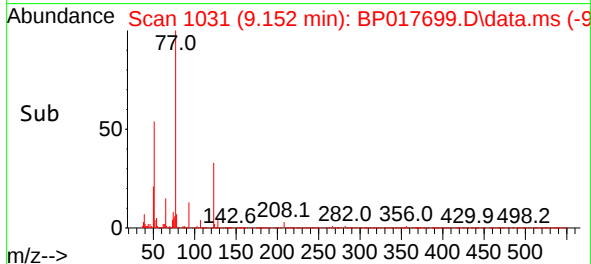
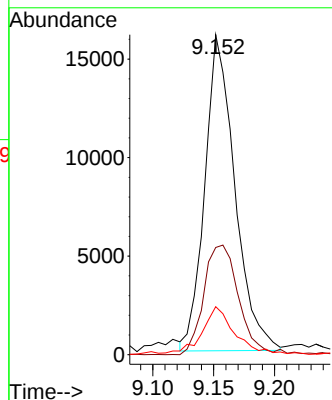
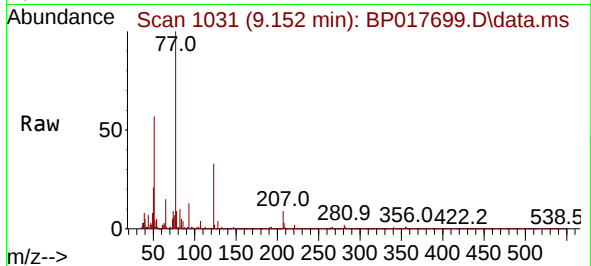
#22
Nitrobenzene
Concen: 4.696 ng/ul
RT: 9.152 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 77 Resp: 27499
Ion Ratio Lower Upper
77 100
123 33.5 33.8 50.6
65 15.0 10.6 16.0

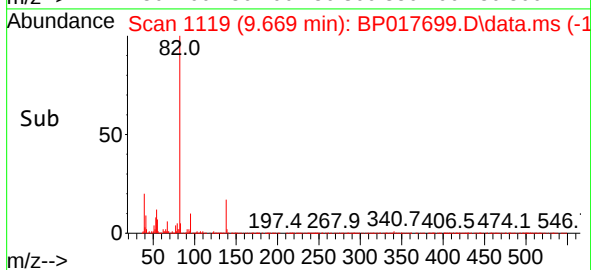
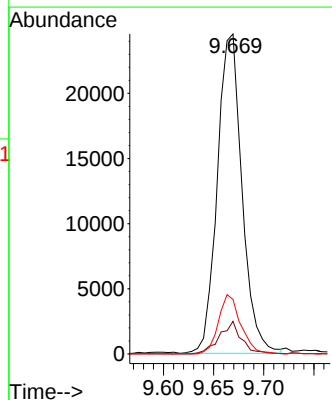
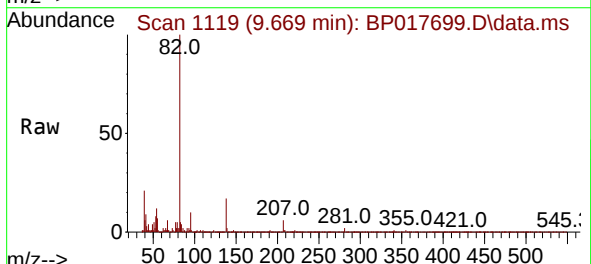
Manual Integrations
APPROVED

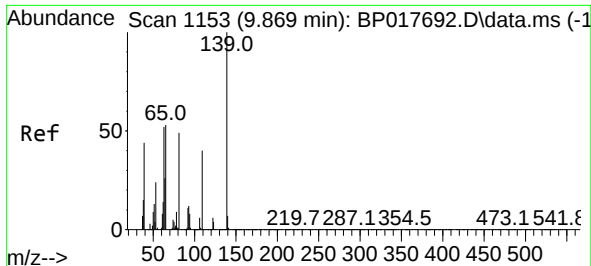
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#23
Isophorone
Concen: 3.983 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion: 82 Resp: 42049
Ion Ratio Lower Upper
82 100
95 10.2 6.0 9.0
138 17.1 13.9 20.9





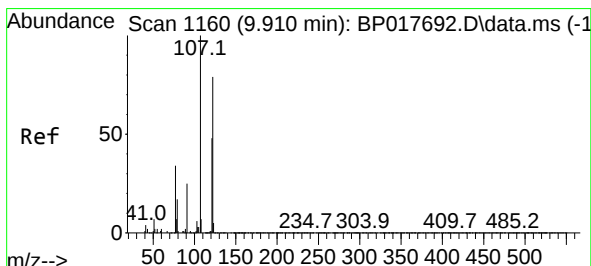
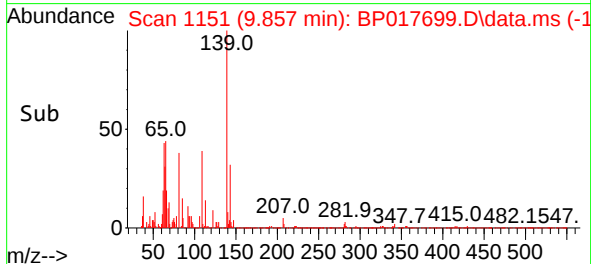
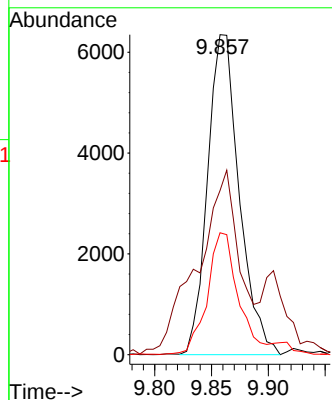
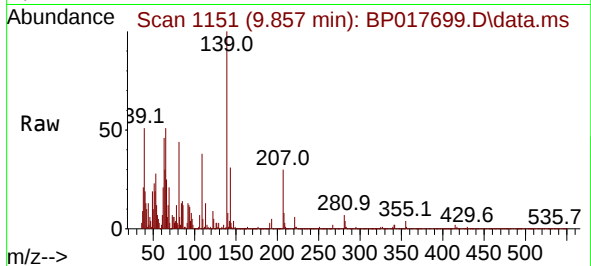
#25
2-Nitrophenol
Concen: 4.513 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:139 Resp: 12308
Ion Ratio Lower Upper
139 100
65 51.3 43.4 65.2
109 38.1 28.1 42.1

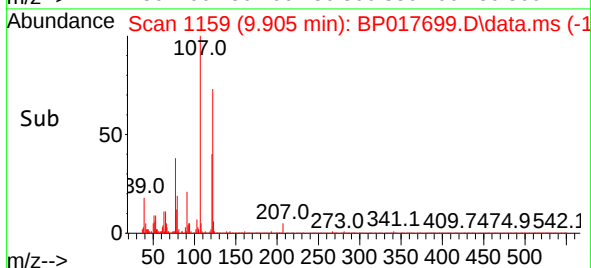
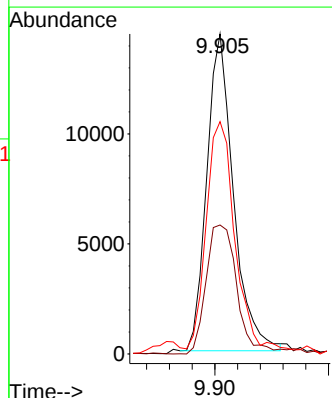
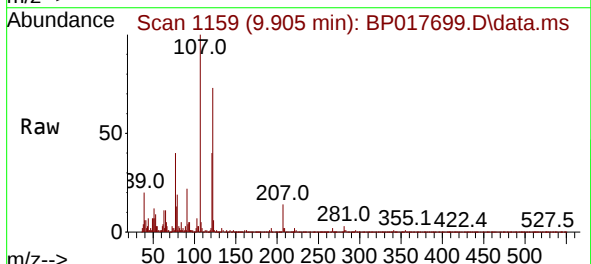
Manual Integrations
APPROVED

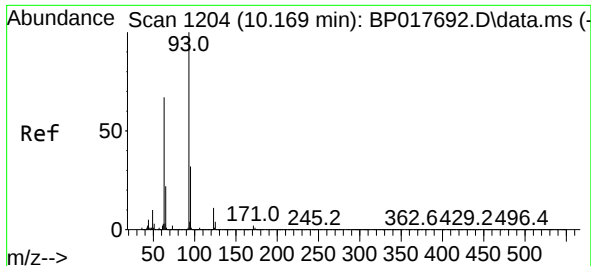
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#26
2,4-Dimethylphenol
Concen: 4.328 ng/ul
RT: 9.905 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

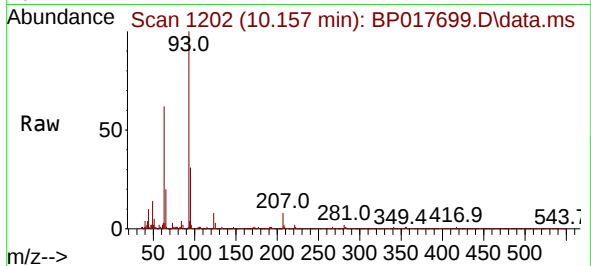
Tgt Ion:107 Resp: 23452
Ion Ratio Lower Upper
107 100
121 40.3 37.6 56.4
122 72.6 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.483 ng/ul
RT: 10.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

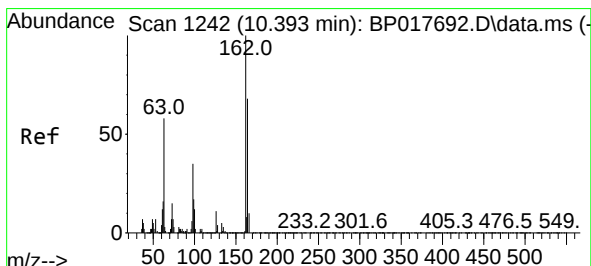
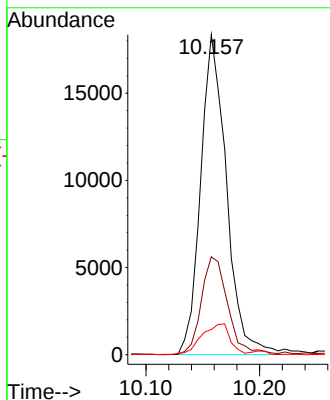
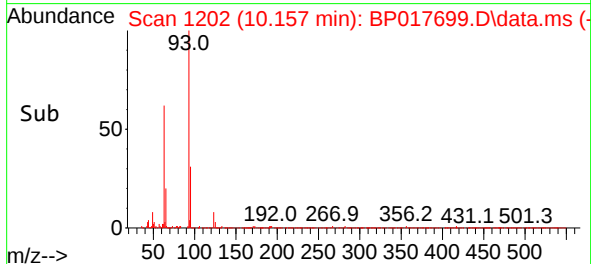
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



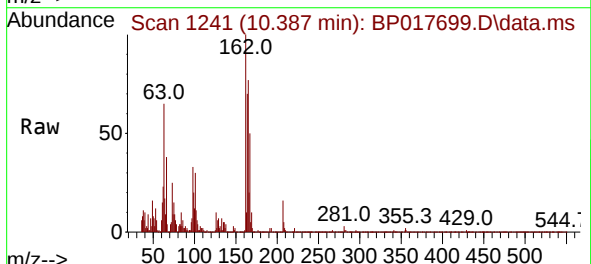
Tgt Ion: 93 Resp: 28919
Ion Ratio Lower Upper
93 100
95 30.6 25.9 38.9
123 7.8 8.8 13.2

Manual Integrations
APPROVED

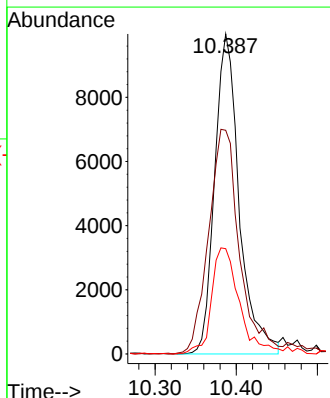
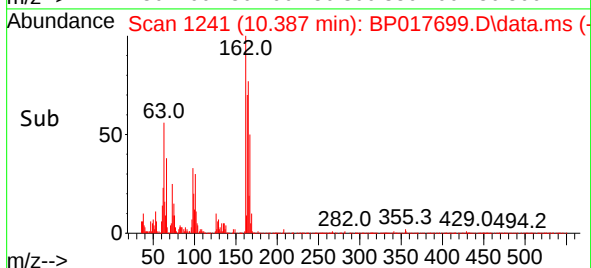
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

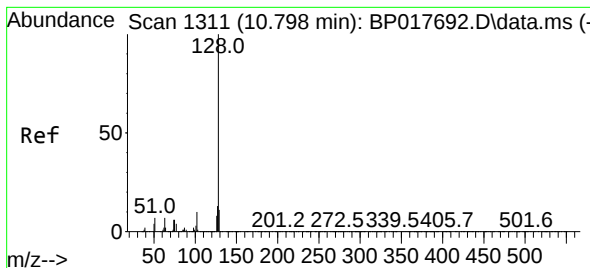


#29
2,4-Dichlorophenol
Concen: 4.516 ng/ul
RT: 10.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



Tgt Ion:162 Resp: 20995
Ion Ratio Lower Upper
162 100
164 69.9 50.5 75.7
98 32.9 27.8 41.8





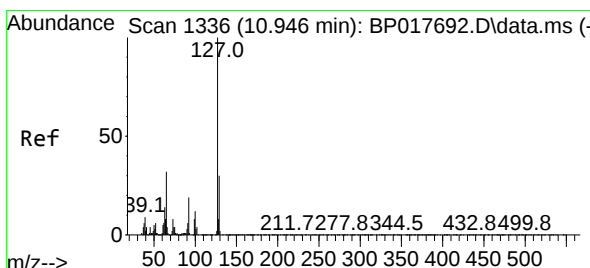
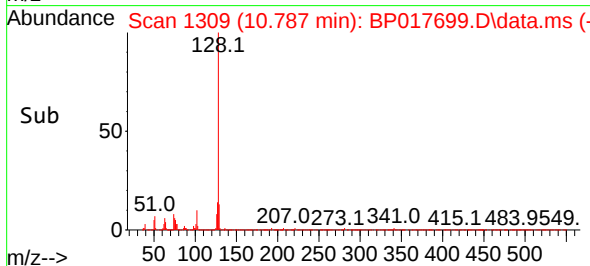
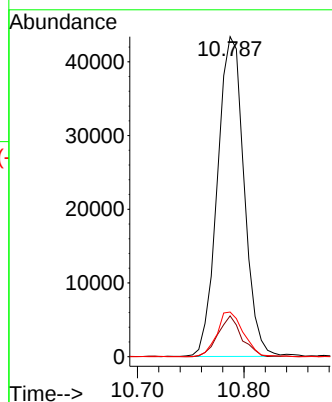
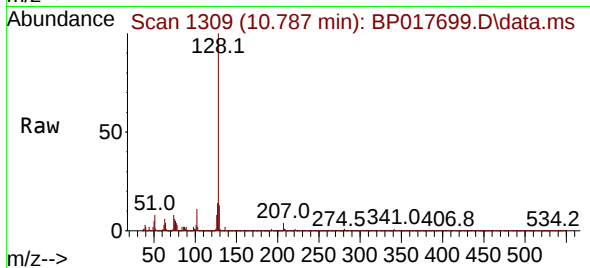
#30
Naphthalene
Concen: 4.770 ng/ul
RT: 10.787 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

Tgt Ion:128 Resp: 75269
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 13.9 10.5 15.7

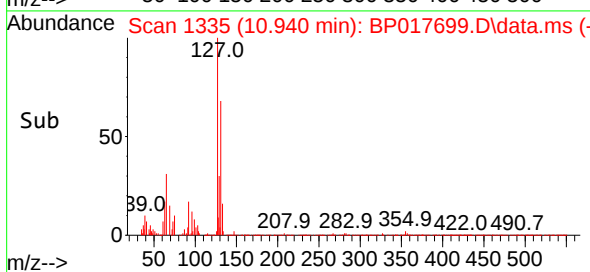
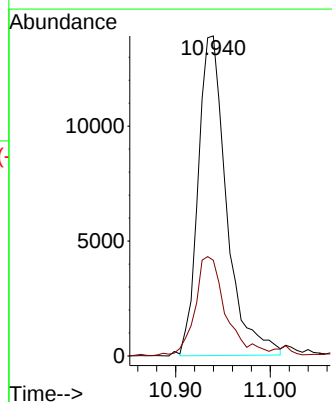
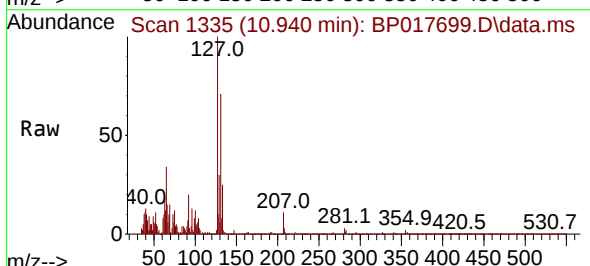
Manual Integrations
APPROVED

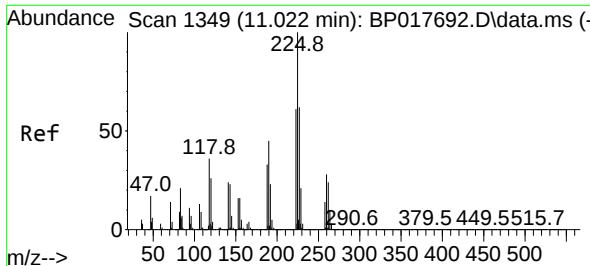
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#32
4-Chloroaniline
Concen: 4.385 ng/ul
RT: 10.940 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

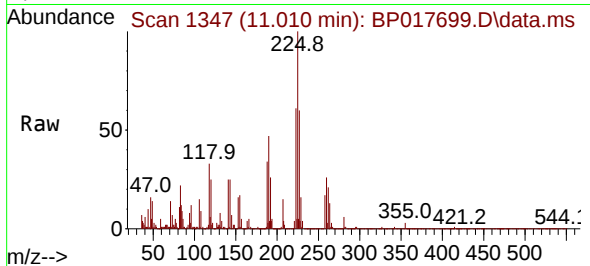
Tgt Ion:127 Resp: 28957
Ion Ratio Lower Upper
127 100
129 29.9 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.949 ng/ul
RT: 11.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

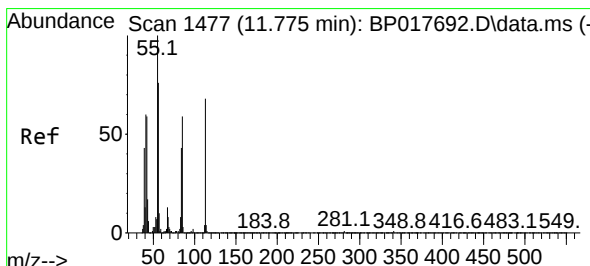
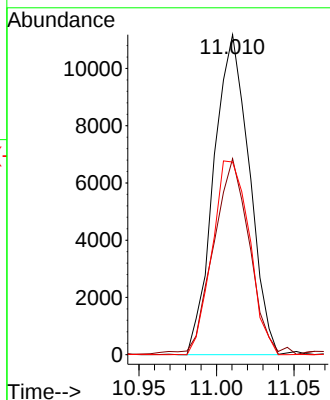
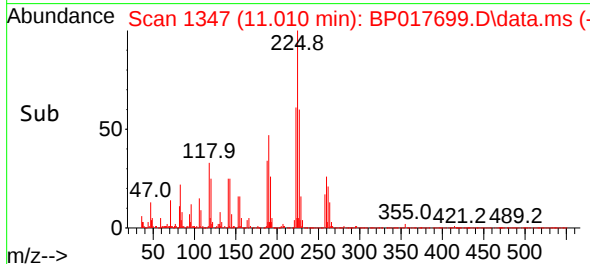
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:225 Resp: 17790
Ion Ratio Lower Upper
225 100
223 61.2 50.2 75.2
227 60.2 51.0 76.4

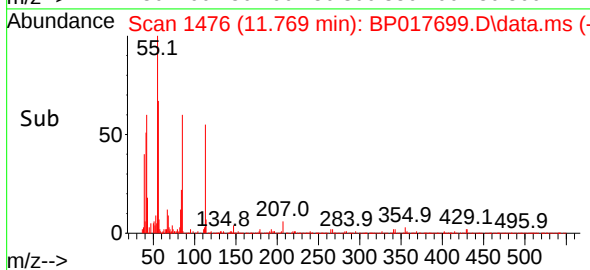
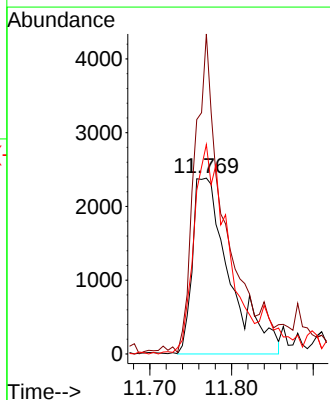
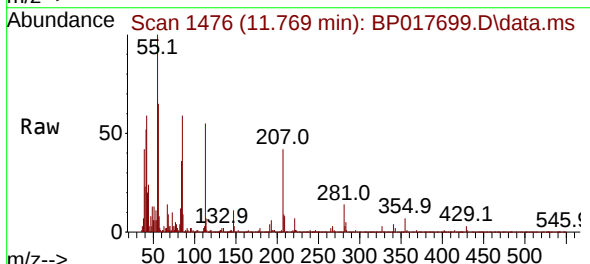
Manual Integrations
APPROVED

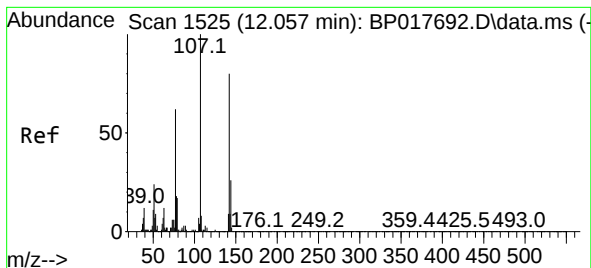
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#34
Caprolactam
Concen: 5.282 ng/ul m
RT: 11.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:113 Resp: 7512
Ion Ratio Lower Upper
113 100
55 182.0 126.9 190.3
56 119.1 97.9 146.9





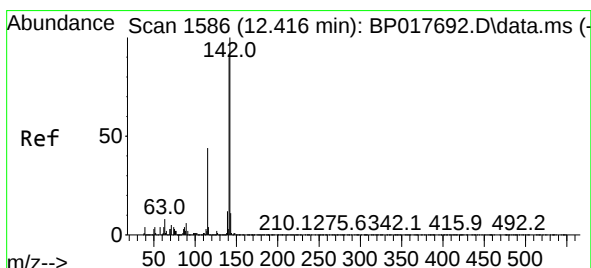
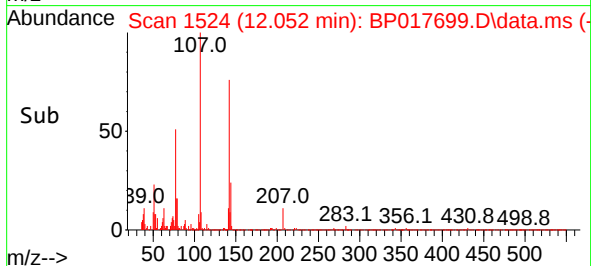
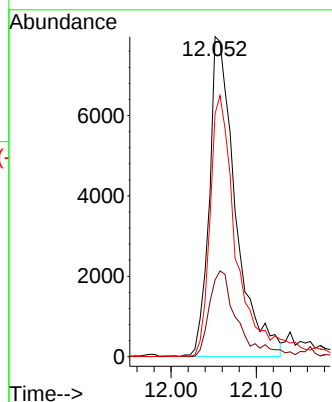
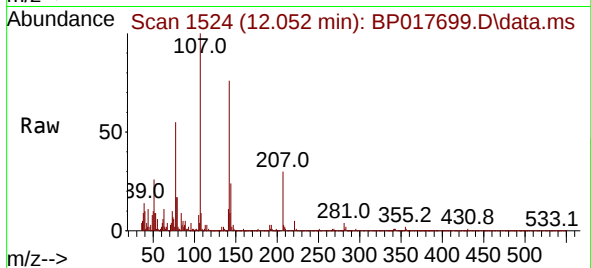
#35
4-Chloro-3-methylphenol
Concen: 3.473 ng/ul
RT: 12.052 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:107 Resp: 17034
Ion Ratio Lower Upper
107 100
144 24.0 20.1 30.1
142 76.0 63.3 94.9

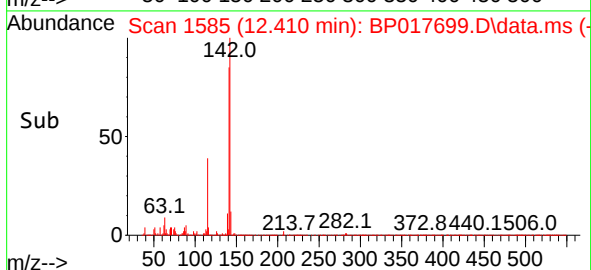
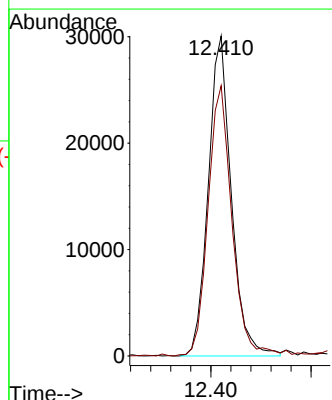
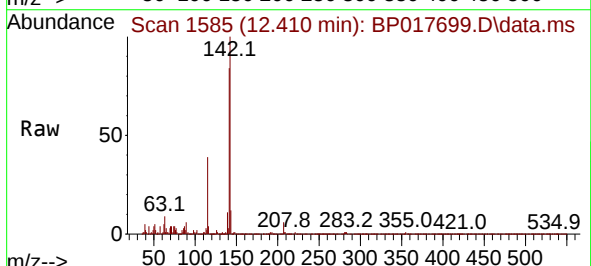
Manual Integrations
APPROVED

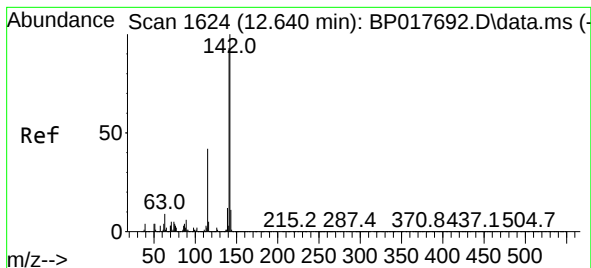
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#36
2-Methylnaphthalene
Concen: 4.433 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:142 Resp: 47897
Ion Ratio Lower Upper
142 100
141 84.4 72.8 109.2





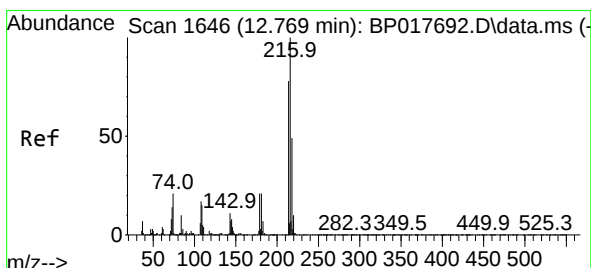
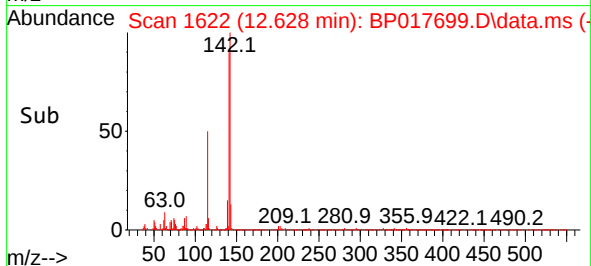
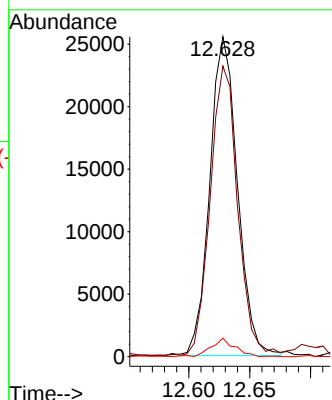
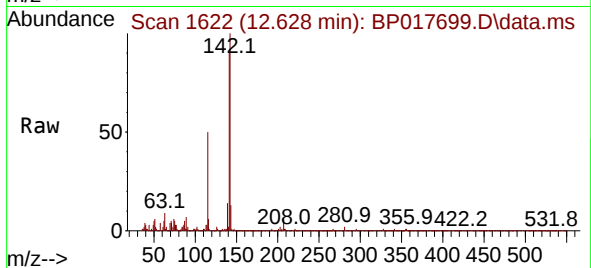
#37
1-Methylnaphthalene
Concen: 3.683 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:142 Resp: 4039
Ion Ratio Lower Upper
142 100
141 90.8 74.3 111.5
116 5.8 3.3 4.9

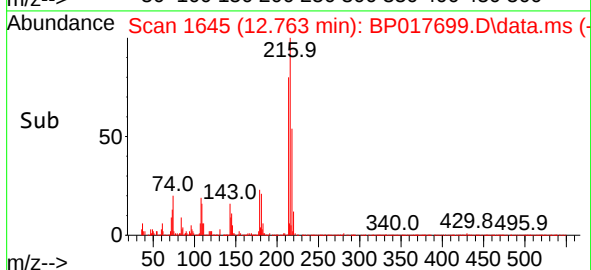
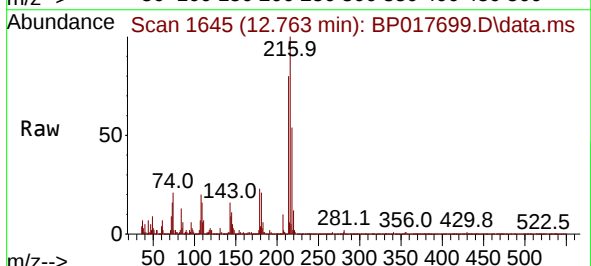
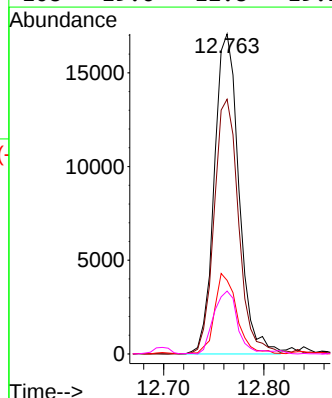
Manual Integrations
APPROVED

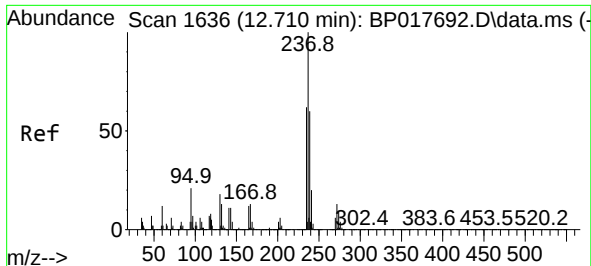
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.571 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

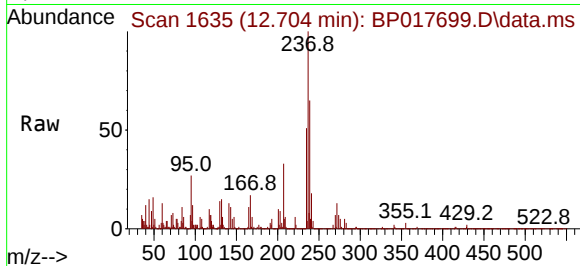
Tgt Ion:216 Resp: 29143
Ion Ratio Lower Upper
216 100
214 79.6 59.8 89.8
179 23.0 16.6 25.0
108 19.6 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.180 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

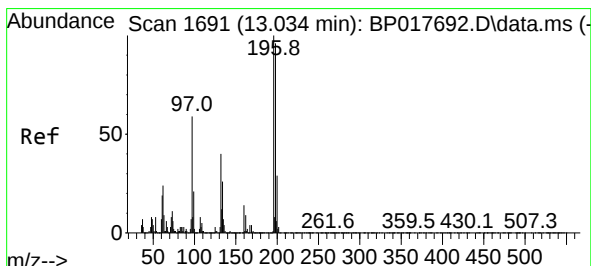
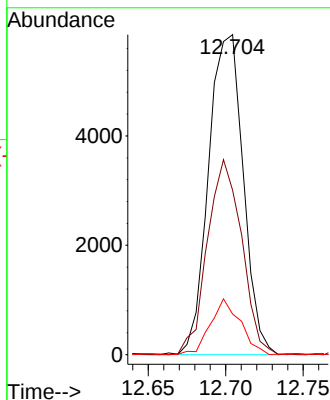
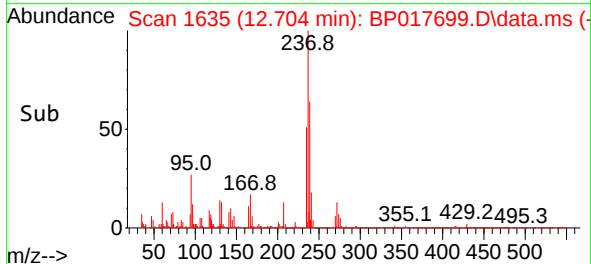
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



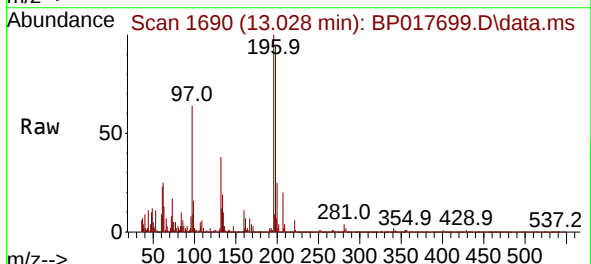
Tgt Ion:237 Resp: 910
Ion Ratio Lower Upper
237 100
235 55.3 50.4 75.6
272 12.7 11.3 16.9

Manual Integrations
APPROVED

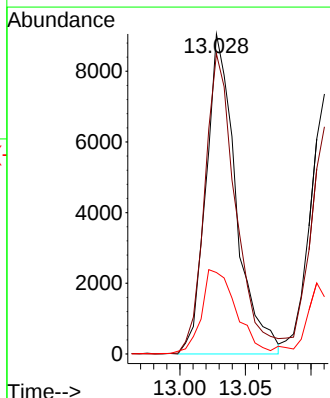
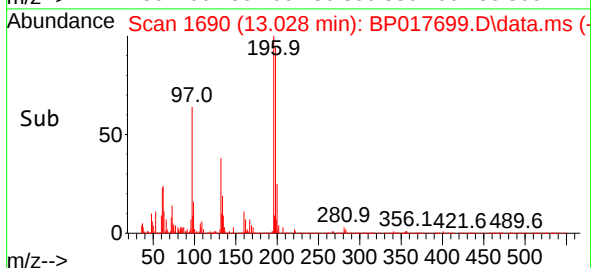
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

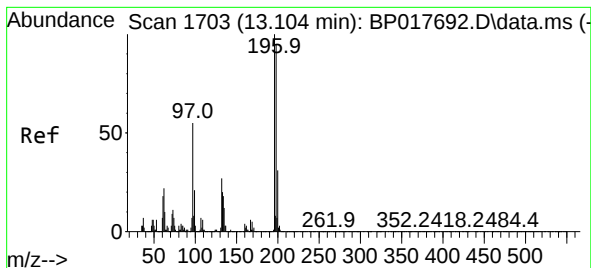


#41
2,4,6-Trichlorophenol
Concen: 3.658 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



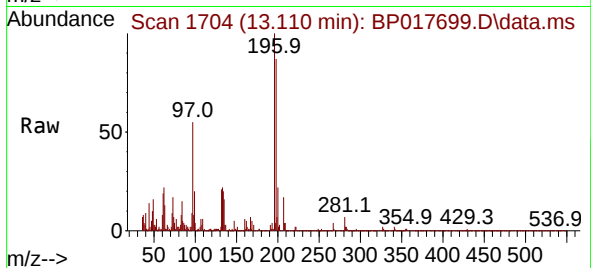
Tgt Ion:196 Resp: 14364
Ion Ratio Lower Upper
196 100
198 93.8 77.3 115.9
200 25.4 25.4 38.2#





#42
2,4,5-Trichlorophenol
Concen: 3.720 ng/ul m
RT: 13.110 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

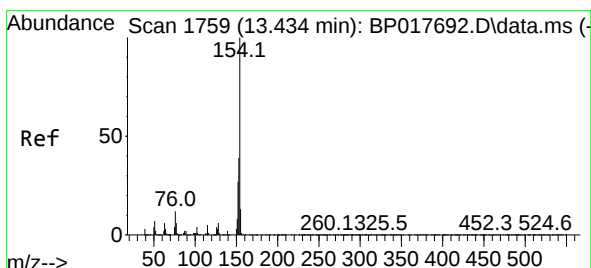
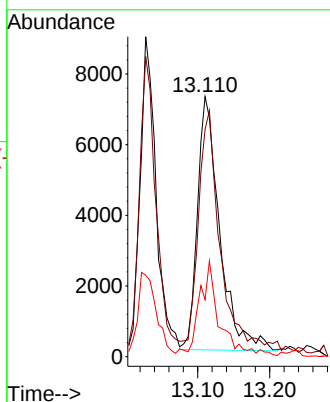
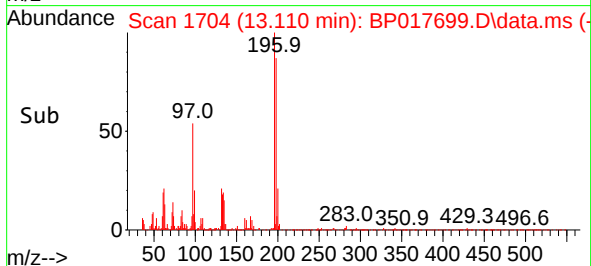
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:196 Resp: 15419
Ion Ratio Lower Upper
196 100
198 87.4 73.0 109.4
200 22.0 23.9 35.9

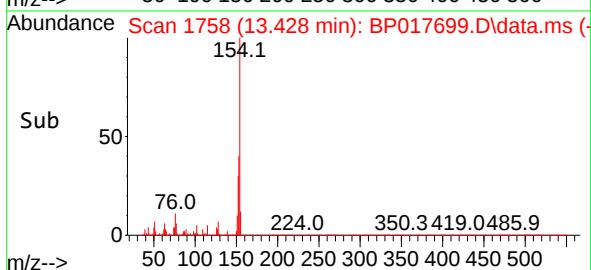
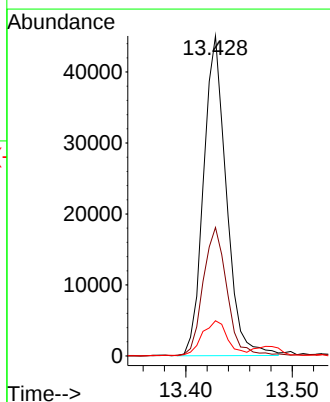
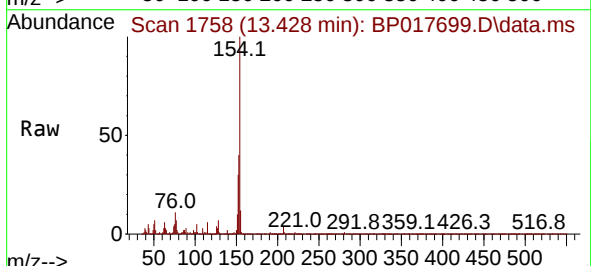
Manual Integrations
APPROVED

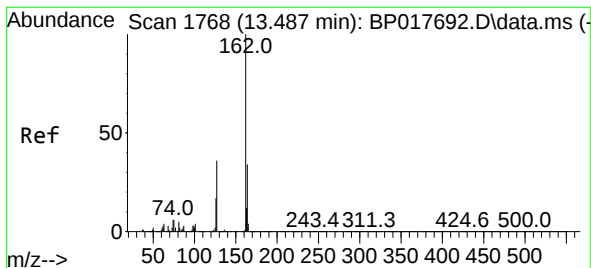
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#43
1,1'-Biphenyl
Concen: 4.671 ng/ul
RT: 13.428 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:154 Resp: 66909
Ion Ratio Lower Upper
154 100
153 40.2 32.5 48.7
76 11.0 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.804 ng/ul

RT: 13.475 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

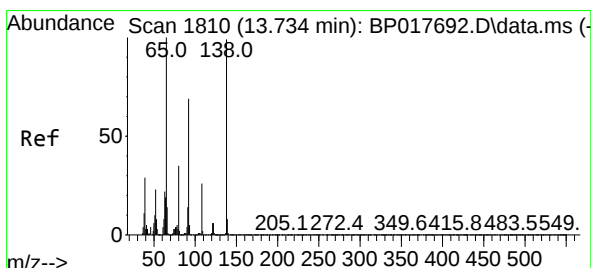
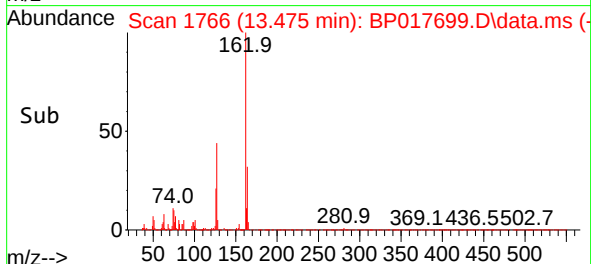
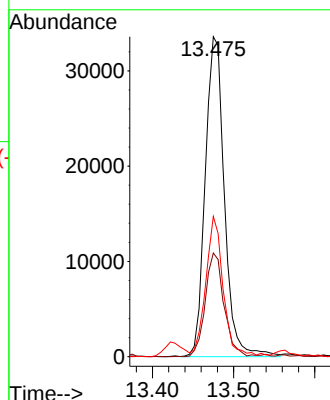
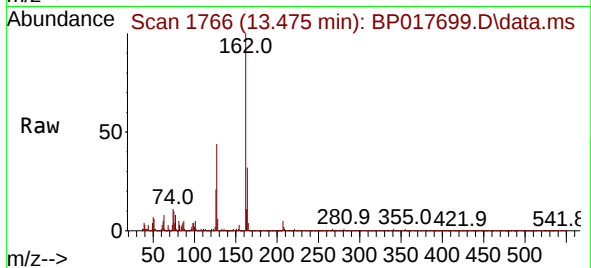
Tgt Ion:	162	Resp:	5504
Ion Ratio	Lower	Upper	
162	100		
164	32.4	26.5	39.7
127	43.8	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#45

2-Nitroaniline

Concen: 3.685 ng/ul

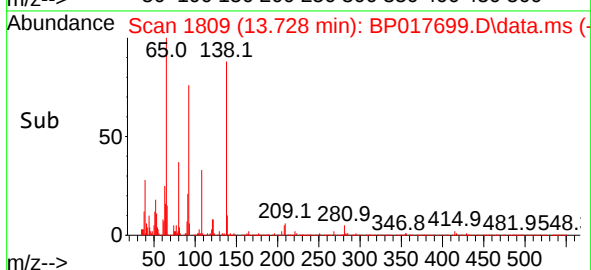
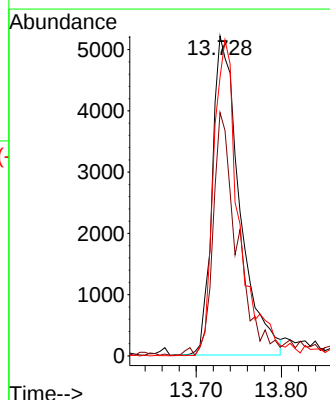
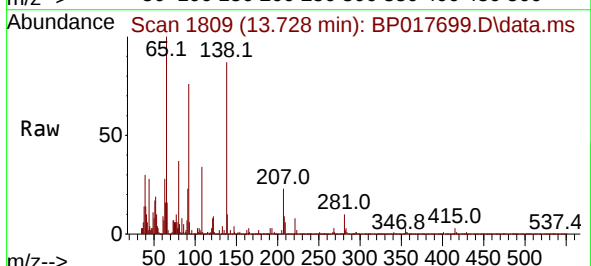
RT: 13.728 min Scan# 1809

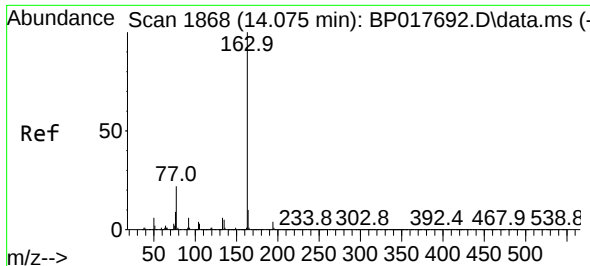
Delta R.T. 0.000 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:	65	Resp:	11672
Ion Ratio	Lower	Upper	
65	100		
92	76.1	55.3	82.9
138	87.1	82.8	124.2





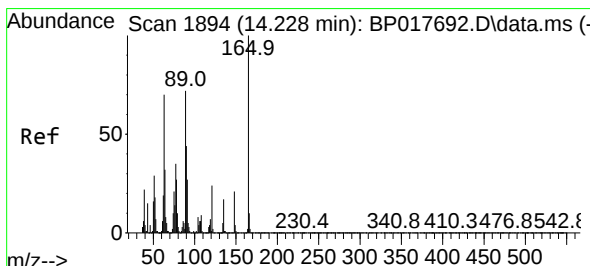
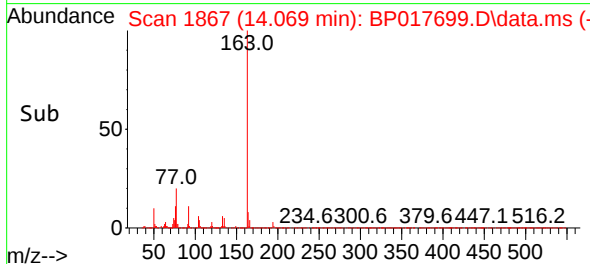
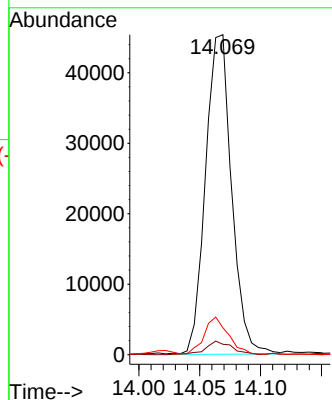
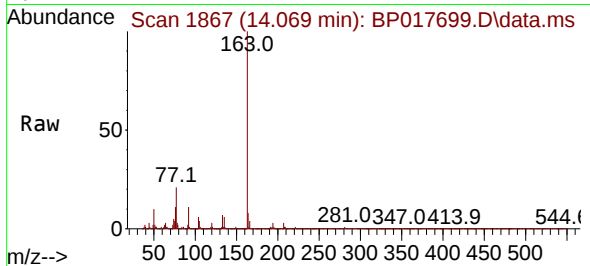
#47
Dimethylphthalate
Concen: 4.529 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:163 Resp: 6770
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.2
164 8.4 8.0 12.0

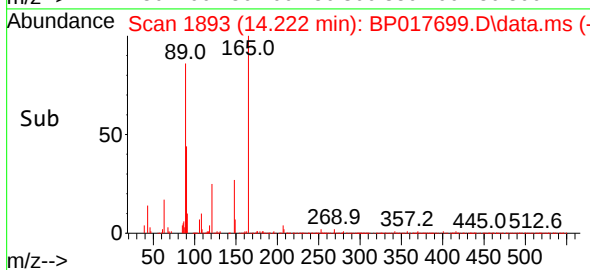
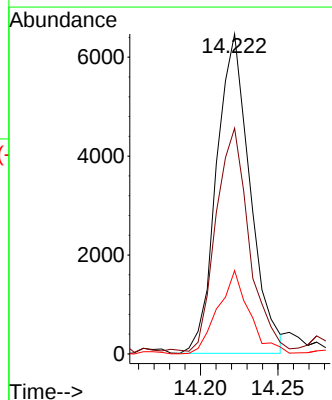
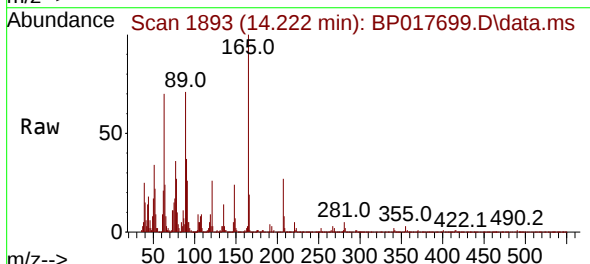
Manual Integrations
APPROVED

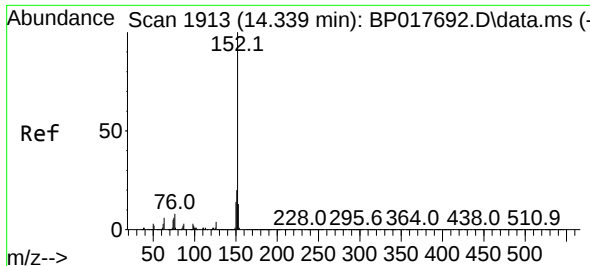
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#48
2,6-Dinitrotoluene
Concen: 3.511 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

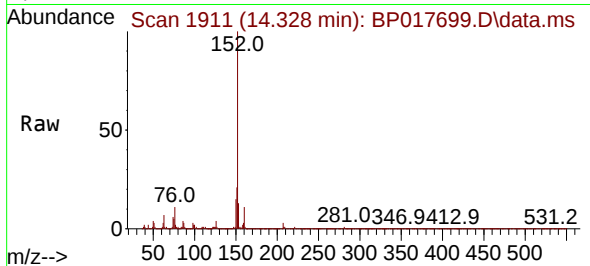
Tgt Ion:165 Resp: 9712
Ion Ratio Lower Upper
165 100
89 70.6 49.0 73.4
121 26.0 16.5 24.7





#50
Acenaphthylene
Concen: 4.625 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

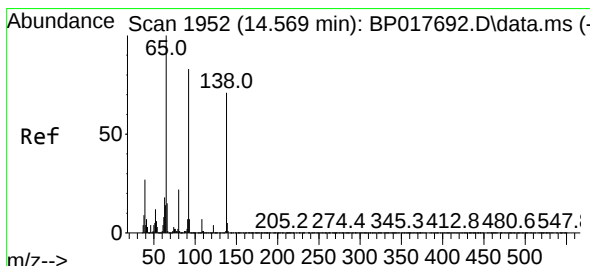
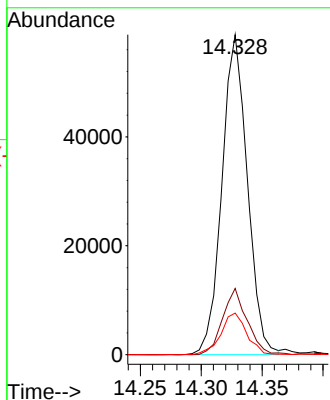
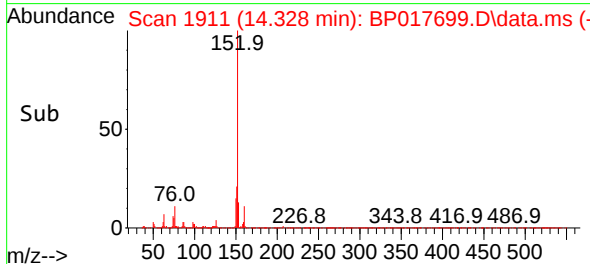
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



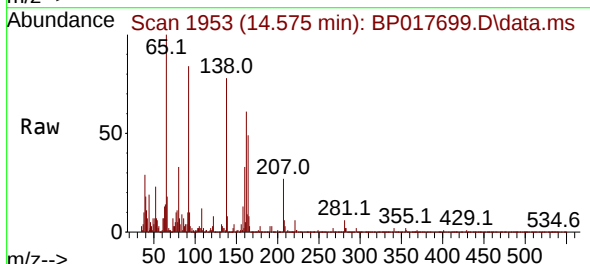
Tgt Ion:152 Resp: 8528
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8
153 13.0 10.5 15.7

Manual Integrations
APPROVED

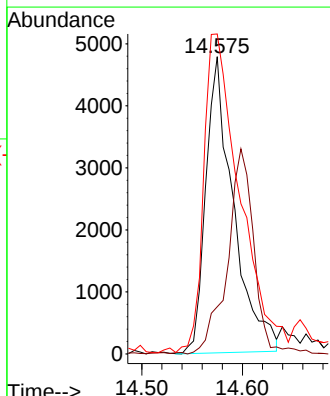
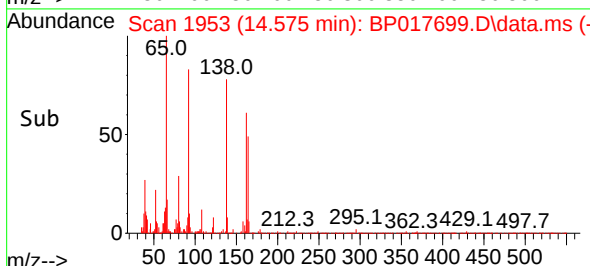
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

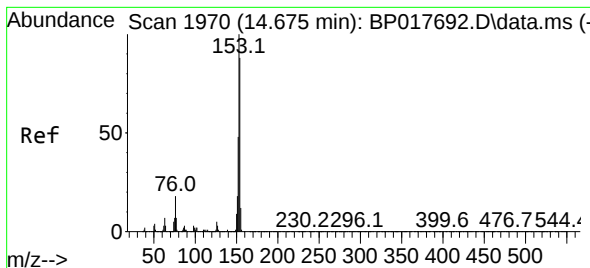


#51
3-Nitroaniline
Concen: 3.268 ng/ul m
RT: 14.575 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



Tgt Ion:138 Resp: 9119
Ion Ratio Lower Upper
138 100
108 15.9 8.2 12.2#
92 107.6 99.0 148.6





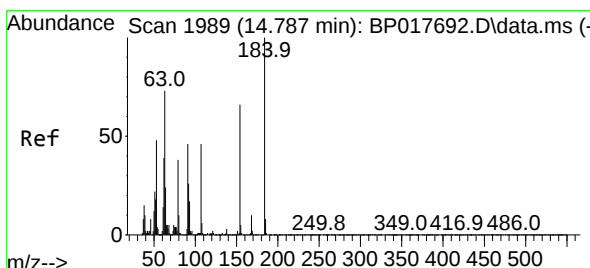
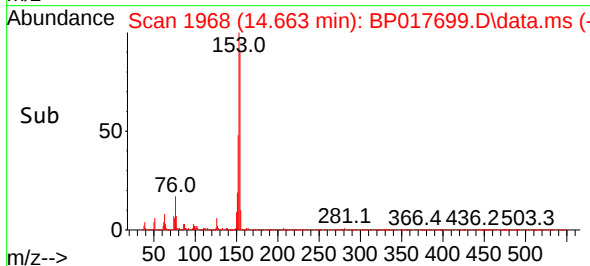
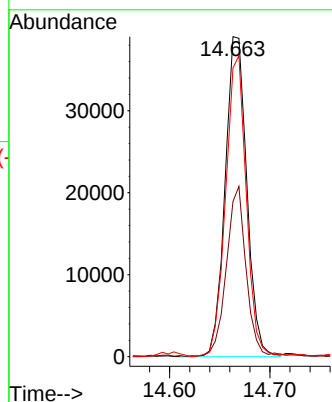
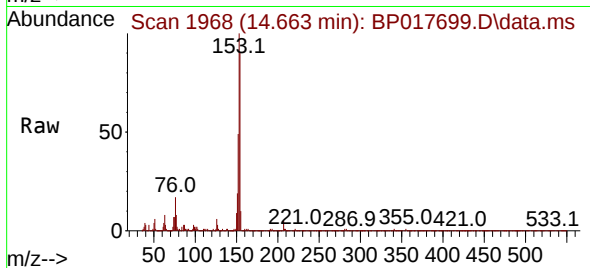
#52
Acenaphthene
Concen: 4.778 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

Tgt Ion:153 Resp: 58592
Ion Ratio Lower Upper
153 100
152 48.5 38.9 58.3
154 90.3 71.6 107.4

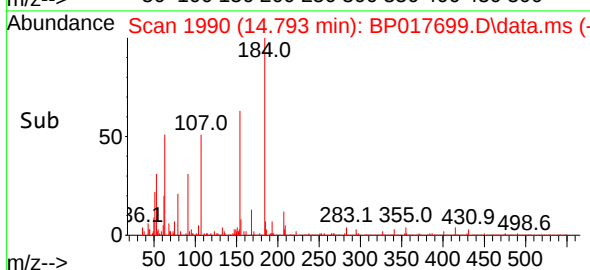
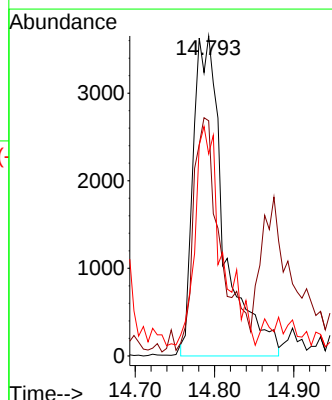
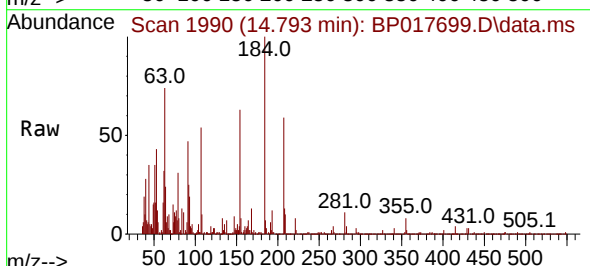
Manual Integrations
APPROVED

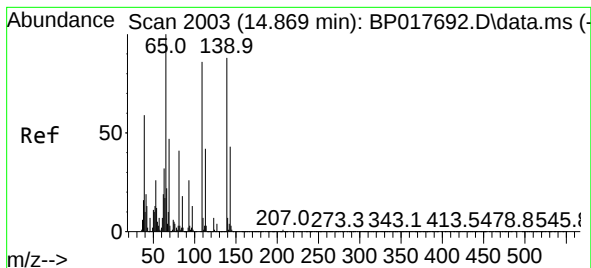
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#53
2,4-Dinitrophenol
Concen: 5.713 ng/ul m
RT: 14.793 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

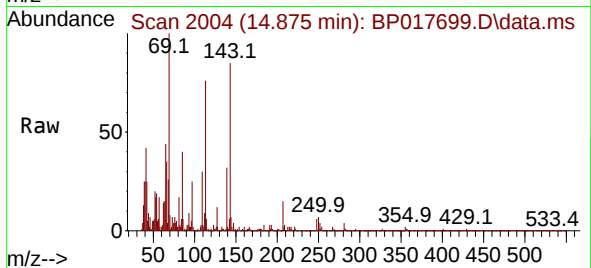
Tgt Ion:184 Resp: 9759
Ion Ratio Lower Upper
184 100
63 73.5 61.4 92.0
154 63.2 54.8 82.2





#55
4-Nitrophenol
Concen: 4.126 ng/ul
RT: 14.875 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

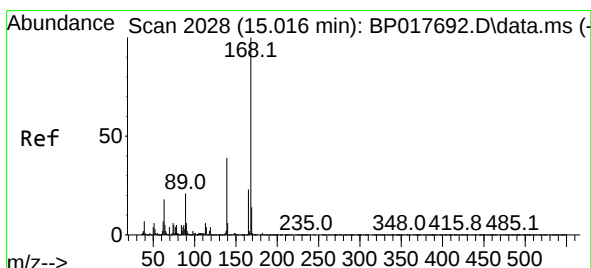
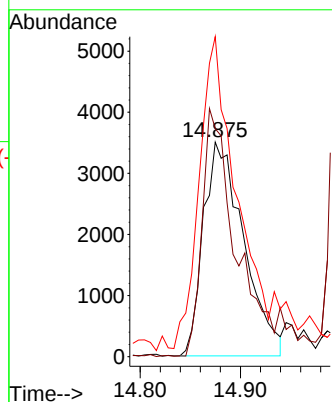
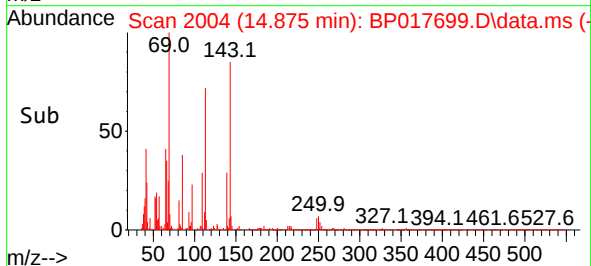
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:109 Resp: 978
Ion Ratio Lower Upper
109 100
139 106.2 90.5 135.7
65 149.1 95.7 143.5

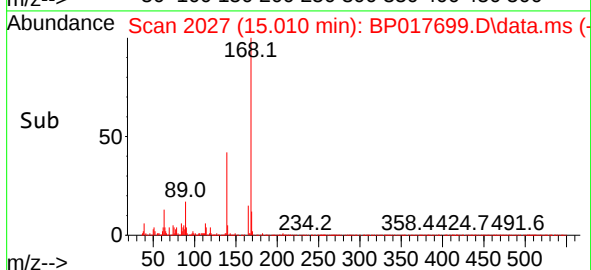
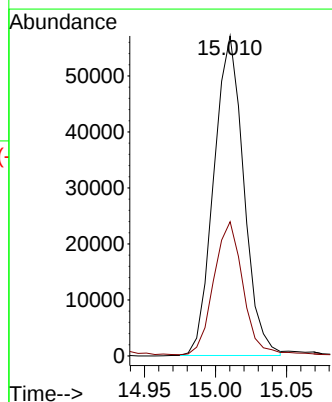
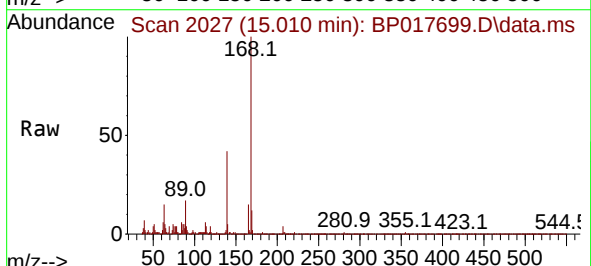
Manual Integrations
APPROVED

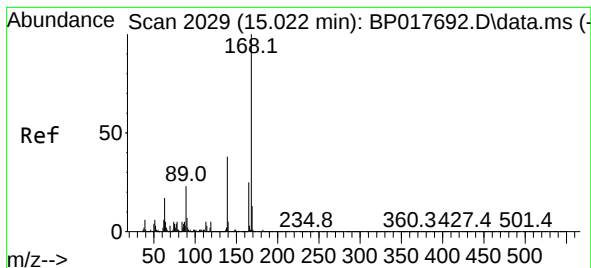
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#56
Dibenzofuran
Concen: 4.754 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:168 Resp: 83639
Ion Ratio Lower Upper
168 100
139 41.9 30.5 45.7





#57

2,4-Dinitrotoluene

Concen: 3.679 ng/ul

RT: 15.016 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

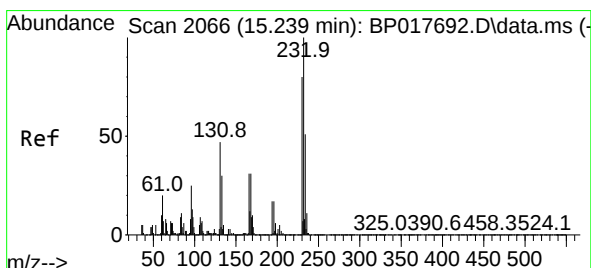
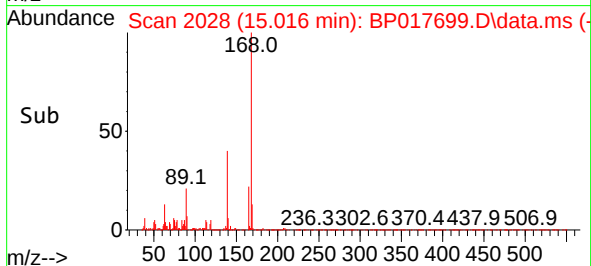
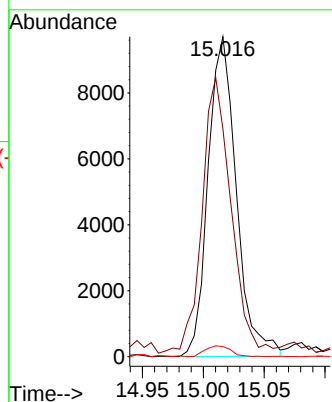
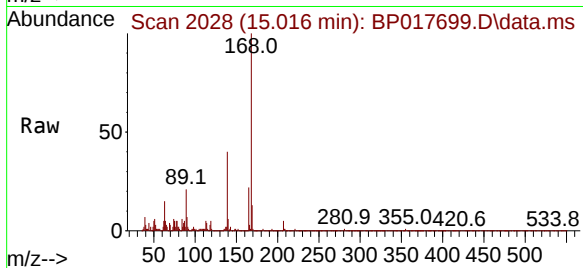
Tgt Ion:	165	Resp:	15710
Ion Ratio	Lower	Upper	
165	100		
63	71.2	52.7	79.1
182	3.1	2.2	3.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.018 ng/ul

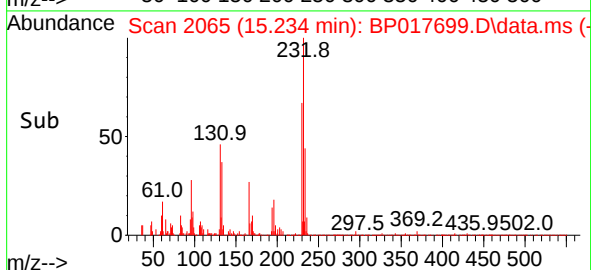
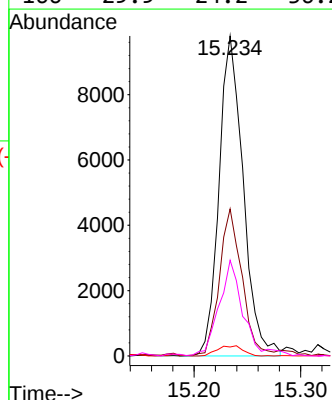
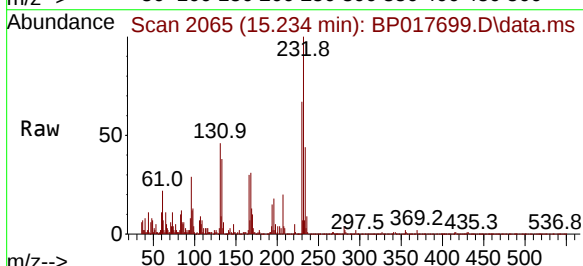
RT: 15.234 min Scan# 2065

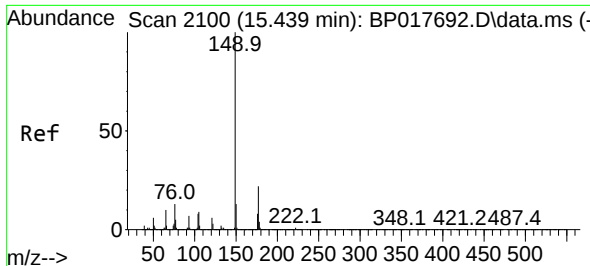
Delta R.T. 0.000 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

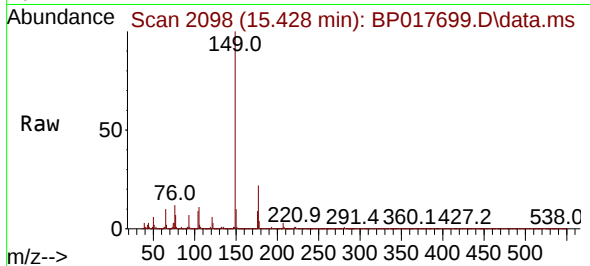
Tgt Ion:	232	Resp:	15405
Ion Ratio	Lower	Upper	
232	100		
131	45.9	33.6	50.4
130	2.8	2.0	3.0
166	29.9	24.2	36.2





#59
Diethylphthalate
Concen: 4.371 ng/ul
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

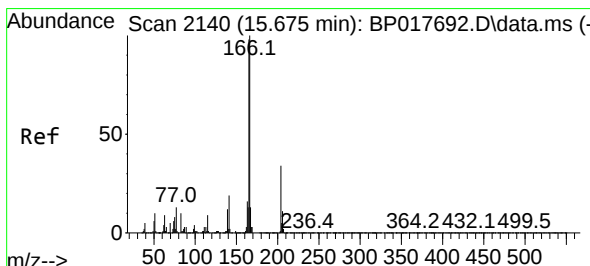
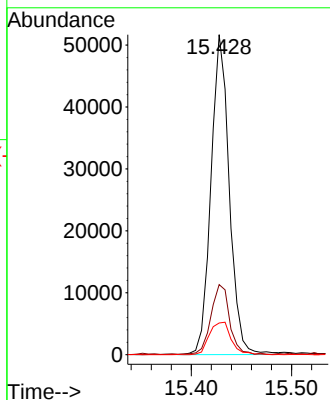
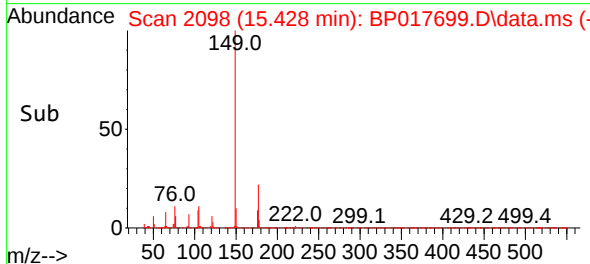
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



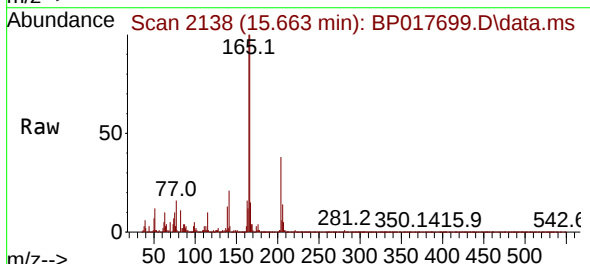
Tgt Ion:149 Resp: 65540
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 9.9 10.1 15.1

Manual Integrations
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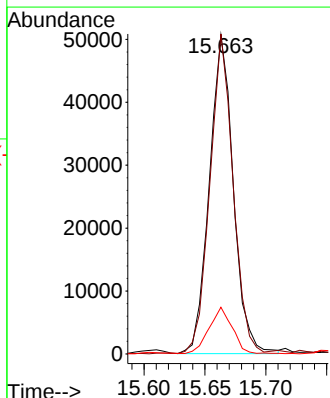
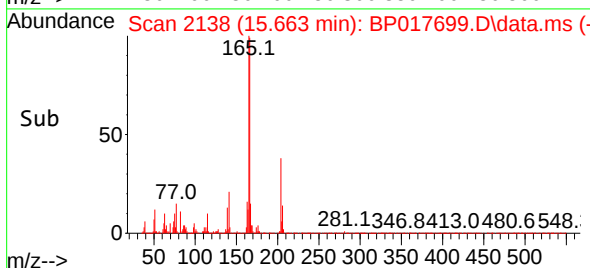
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

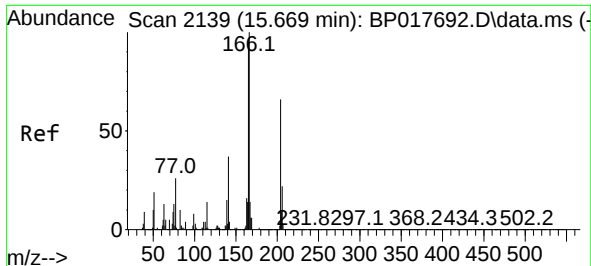


#61
Fluorene
Concen: 4.793 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



Tgt Ion:166 Resp: 69523
Ion Ratio Lower Upper
166 100
165 100.3 79.6 119.4
167 14.7 11.1 16.7





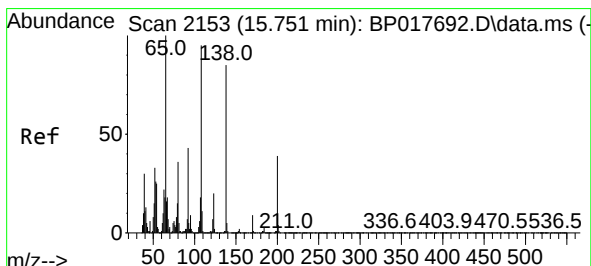
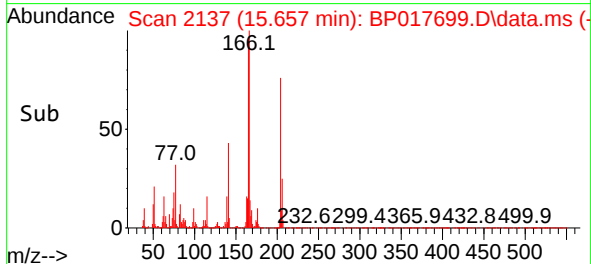
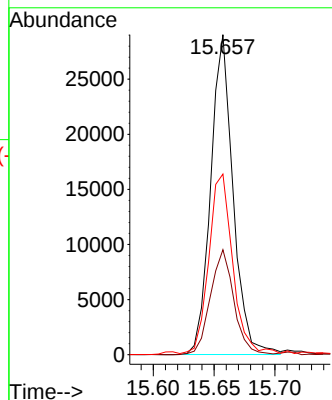
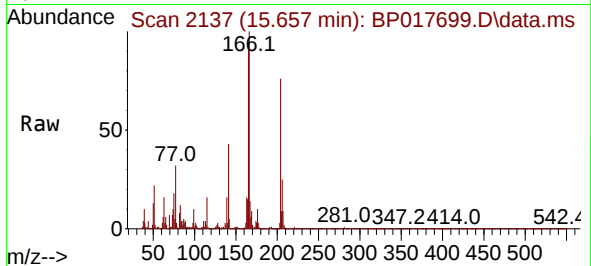
#62
4-Chlorophenyl-phenylether
Concen: 4.829 ng/ul
RT: 15.657 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	56.4	43.9	65.9

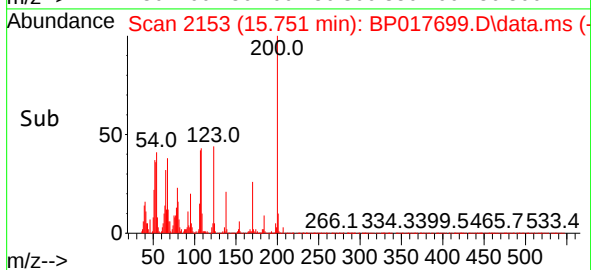
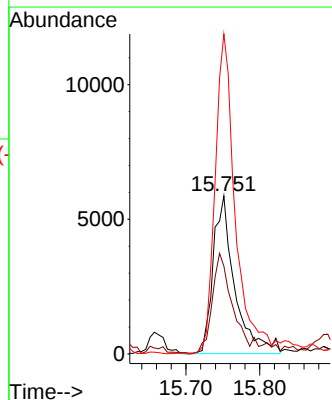
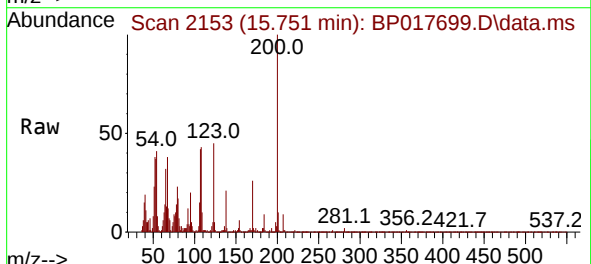
Manual Integrations
APPROVED

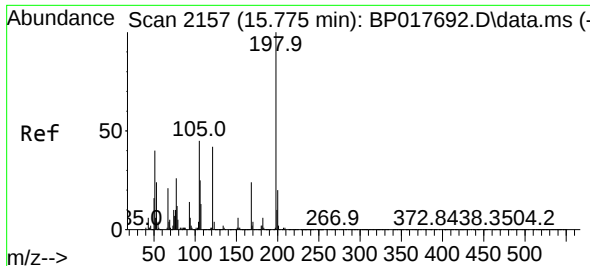
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#63
4-Nitroaniline
Concen: 4.299 ng/ul m
RT: 15.751 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	43.0	64.6
108	202.5	82.2	123.4





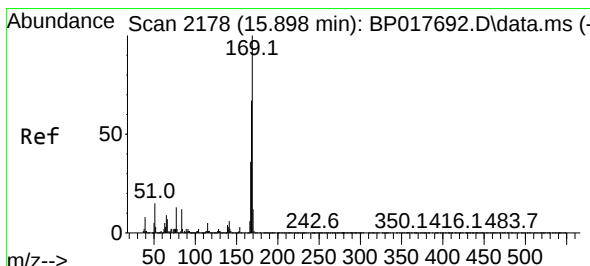
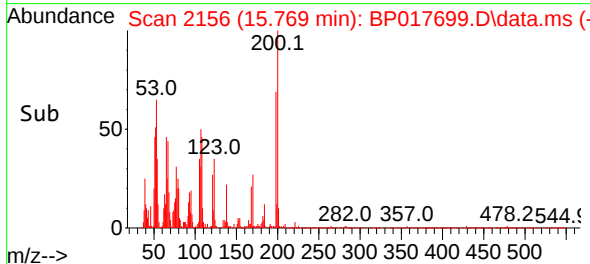
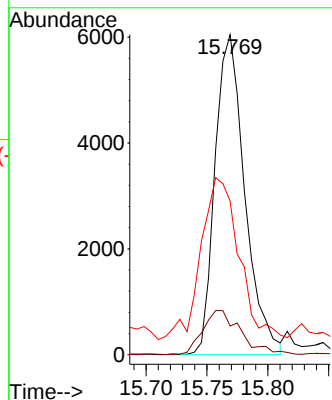
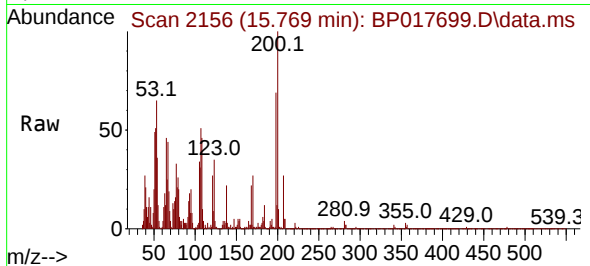
#66
4,6-Dinitro-2-methylphenol
Concen: 3.390 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:198 Resp: 10300
Ion Ratio Lower Upper
198 100
182 9.0 3.4 5.0
77 48.0 23.0 34.6

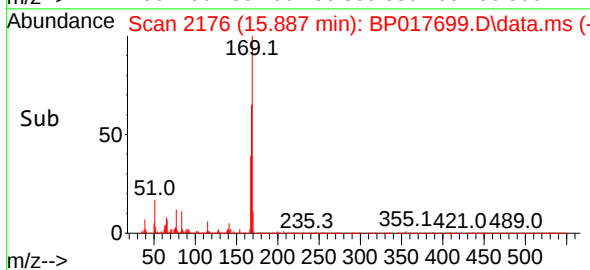
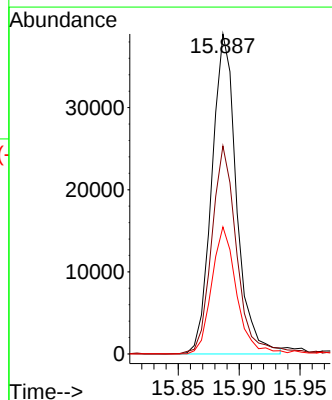
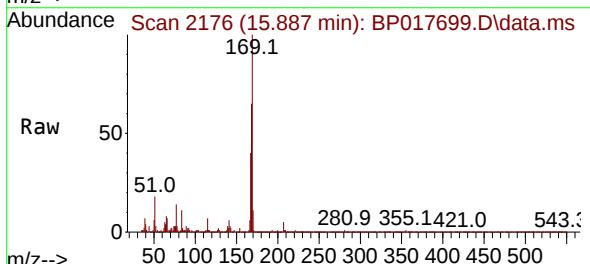
Manual Integrations
APPROVED

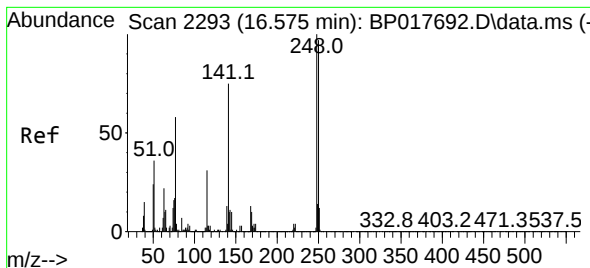
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#67
N-Nitrosodiphenylamine
Concen: 4.489 ng/ul
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

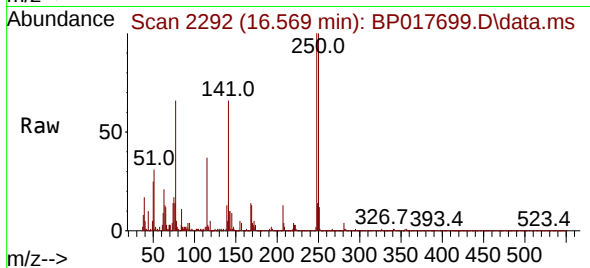
Tgt Ion:169 Resp: 55046
Ion Ratio Lower Upper
169 100
168 65.0 53.3 79.9
167 39.7 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 4.382 ng/ul
RT: 16.569 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

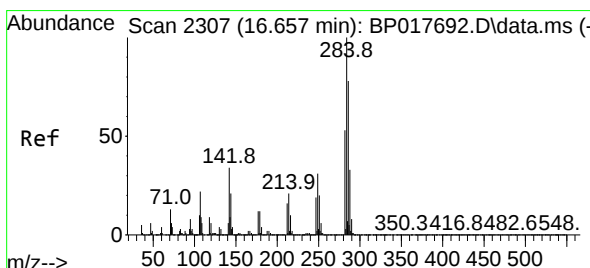
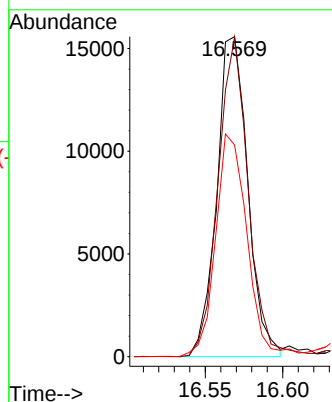
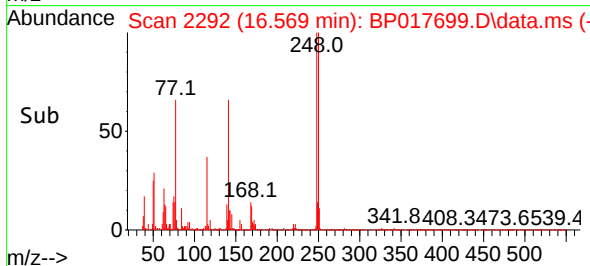
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:248 Resp: 2168
Ion Ratio Lower Upper
248 100
250 99.9 75.9 113.9
141 66.1 57.2 85.8

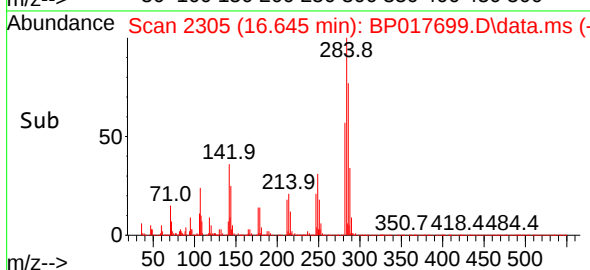
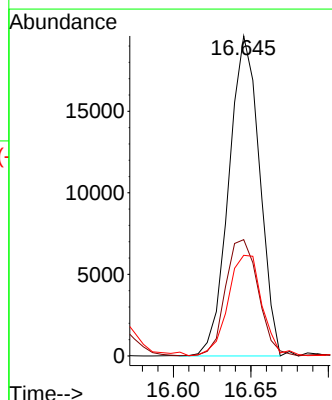
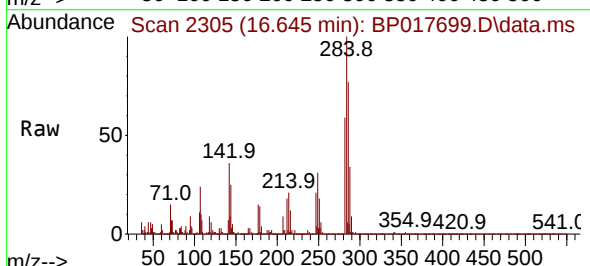
Manual Integrations
APPROVED

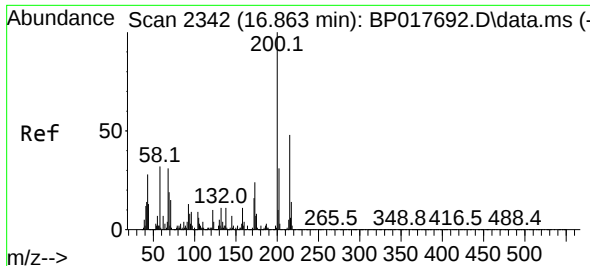
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#69
Hexachlorobenzene
Concen: 4.588 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

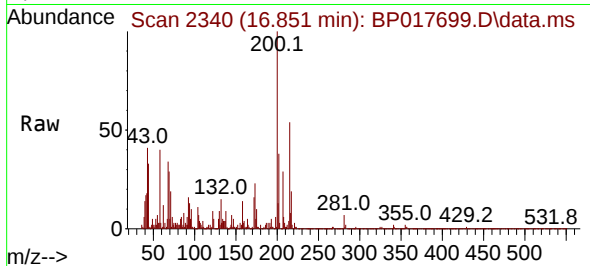
Tgt Ion:284 Resp: 27024
Ion Ratio Lower Upper
284 100
142 34.2 25.8 38.6
249 29.5 24.9 37.3





#70
Atrazine
Concen: 2.861 ng/ul m
RT: 16.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

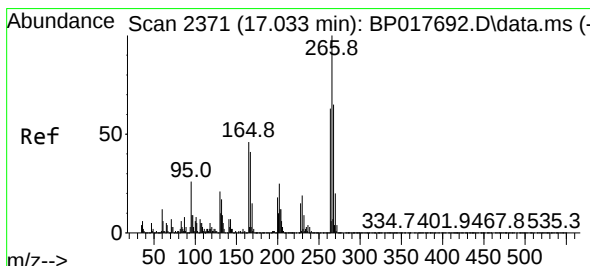
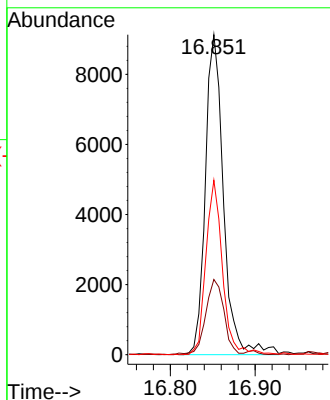
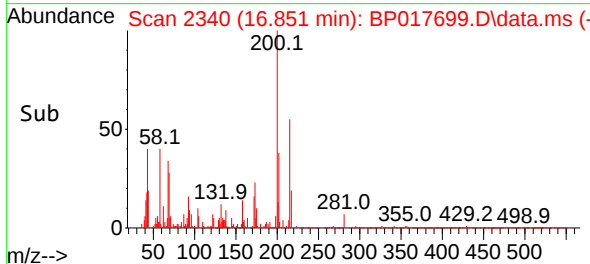
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



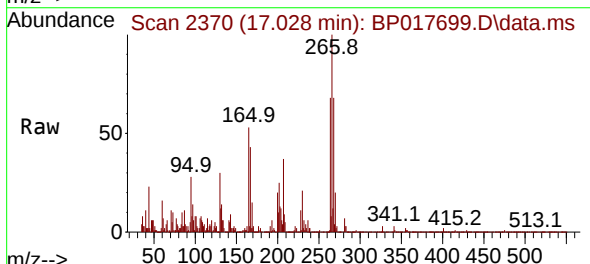
Tgt Ion:200 Resp: 1357
Ion Ratio Lower Upper
200 100
173 23.5 19.9 29.9
215 54.5 37.8 56.6

Manual Integrations
APPROVED

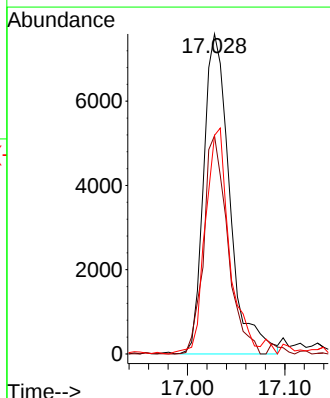
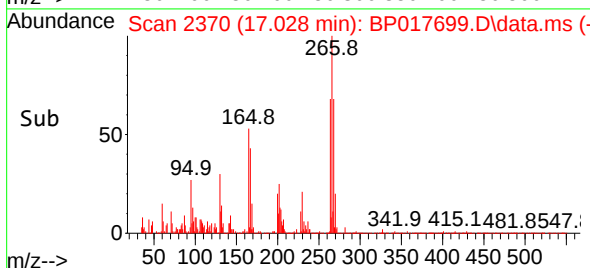
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

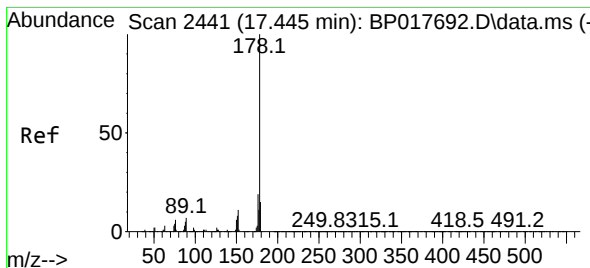


#71
Pentachlorophenol
Concen: 3.969 ng/ul m
RT: 17.028 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



Tgt Ion:266 Resp: 14157
Ion Ratio Lower Upper
266 100
264 68.2 49.2 73.8
268 68.3 51.8 77.6





#72

Phenanthrene

Concen: 4.816 ng/ul

RT: 17.434 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

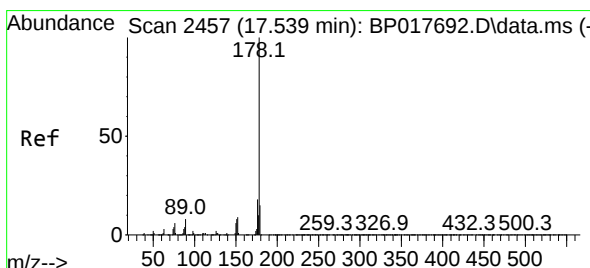
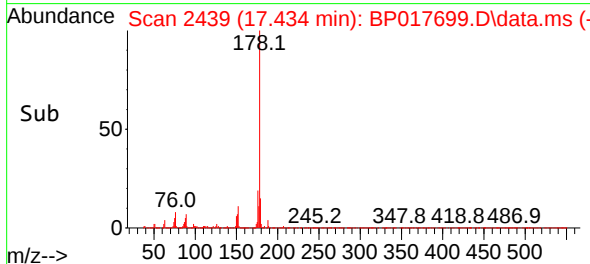
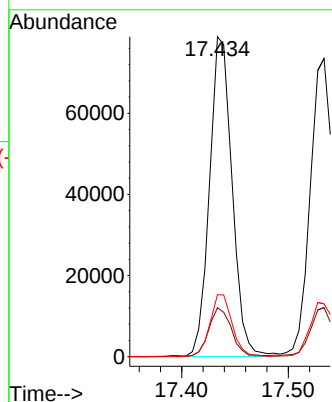
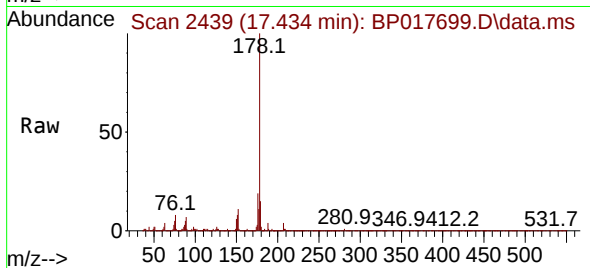
Tgt Ion:178 Resp: 116275
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 19.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#74

Anthracene

Concen: 4.641 ng/ul

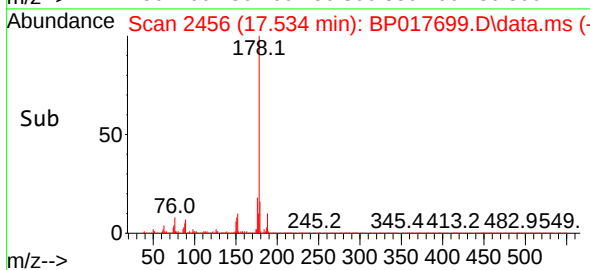
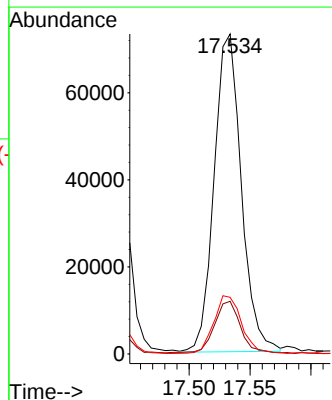
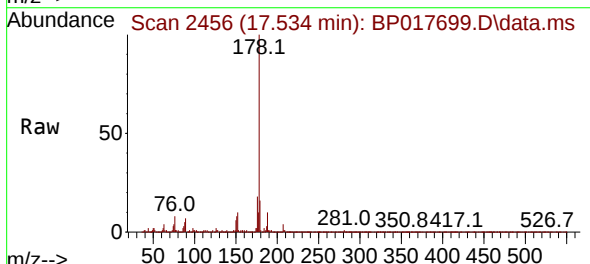
RT: 17.534 min Scan# 2456

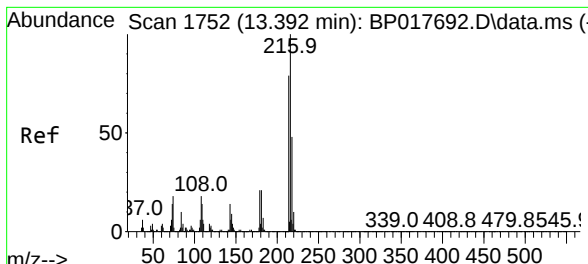
Delta R.T. 0.000 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:178 Resp: 113355
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.3 18.5
 176 17.7 14.6 22.0



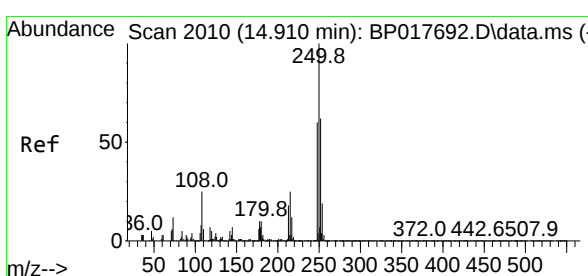
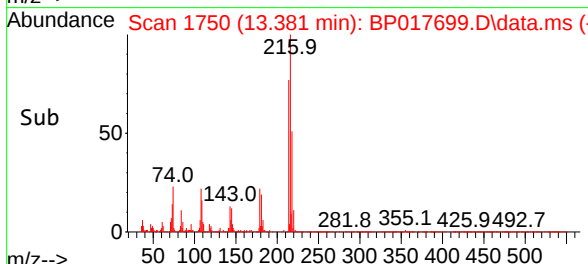
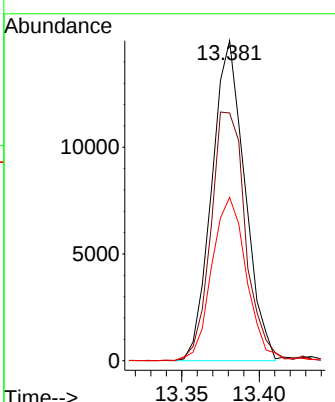
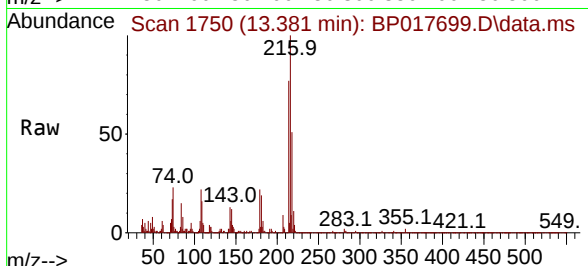


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.426 ng/uL
 RT: 13.381 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP017699.D
 Acq: 17 Oct 2023 15:46

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT3-2023-06

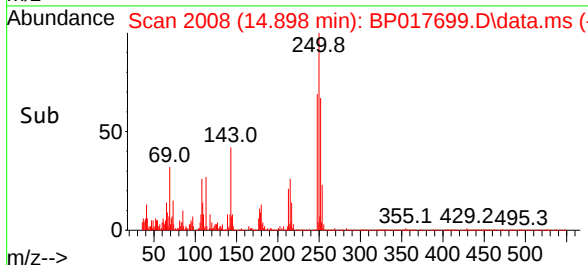
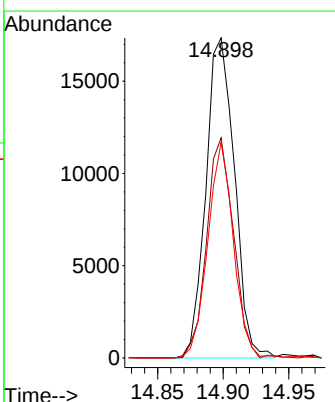
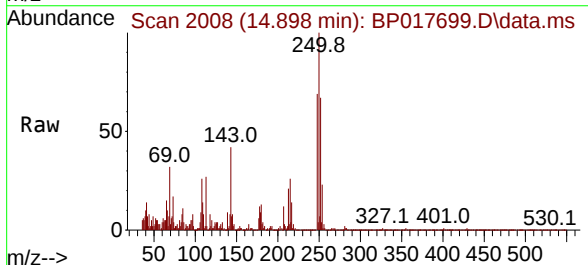
Tgt Ion:	216	Resp:	2218
Ion Ratio	Lower	Upper	
216	100		
214	77.4	62.9	94.3
218	51.0	38.6	58.0

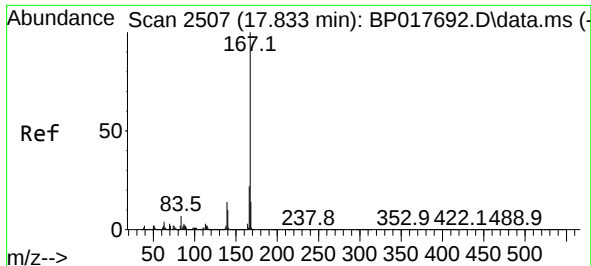
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023



#76
 Pentachlorobenzene
 Concen: 3.960 ng/uL
 RT: 14.898 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: BP017699.D
 Acq: 17 Oct 2023 15:46

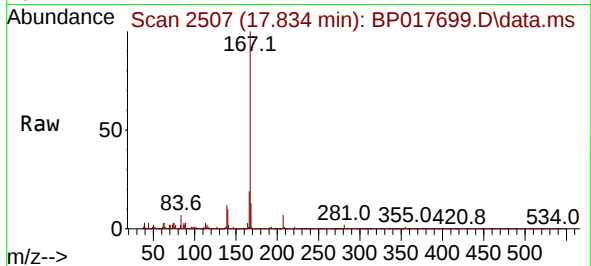
Tgt Ion:	250	Resp:	26315
Ion Ratio	Lower	Upper	
250	100		
248	68.8	50.8	76.2
252	67.4	49.9	74.9





#77
 Carbazole
 Concen: 4.139 ng/ul
 RT: 17.834 min Scan# 2507
 Delta R.T. 0.006 min
 Lab File: BP017699.D
 Acq: 17 Oct 2023 15:46

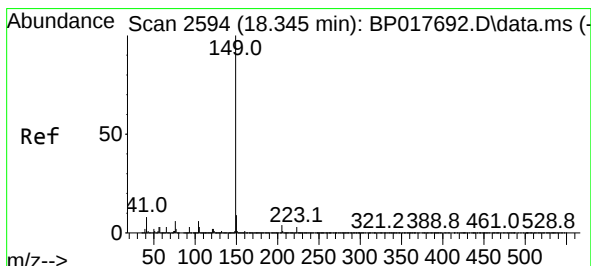
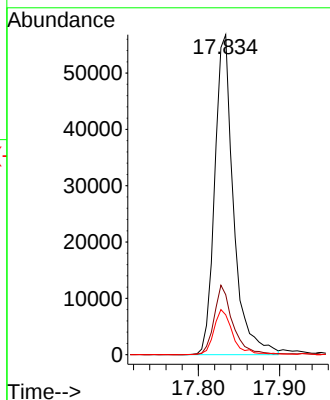
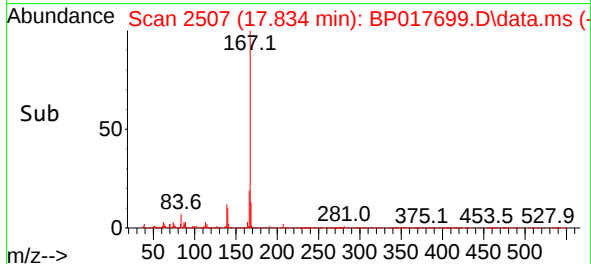
Instrument : BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06



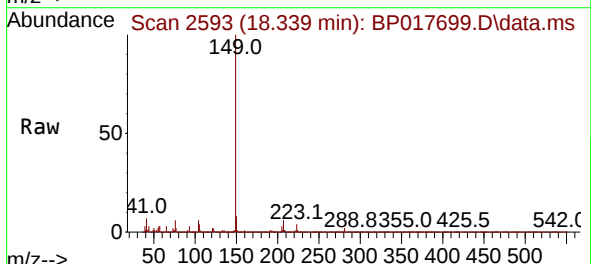
Tgt Ion:167 Resp: 91540
 Ion Ratio Lower Upper
 167 100
 166 18.8 17.0 25.6
 139 12.4 10.2 15.2

Manual Integrations
 APPROVED

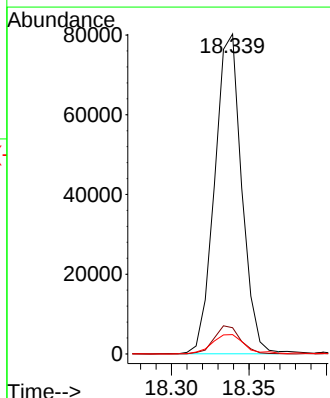
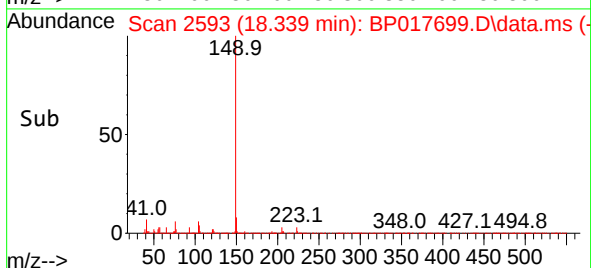
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

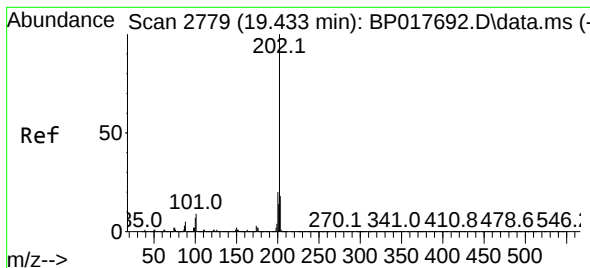


#78
 Di-n-butylphthalate
 Concen: 3.564 ng/ul
 RT: 18.339 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BP017699.D
 Acq: 17 Oct 2023 15:46



Tgt Ion:149 Resp: 97065
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.4 11.0
 104 6.0 4.6 6.8





#80

Fluoranthene

Concen: 4.135 ng/ul

RT: 19.422 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

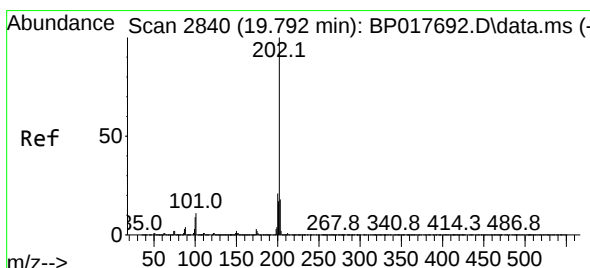
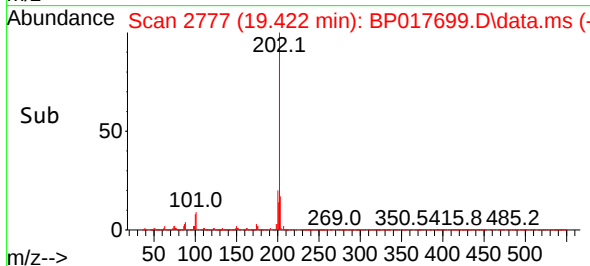
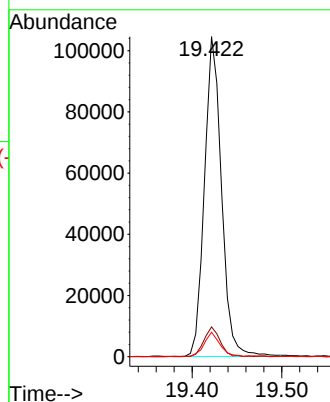
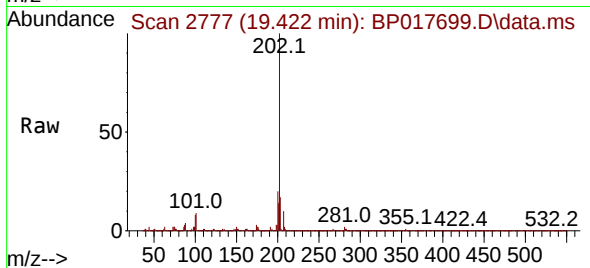
Tgt Ion:	202	Resp:	138218
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.0	10.6
100	7.7	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#82

Pyrene

Concen: 4.620 ng/ul

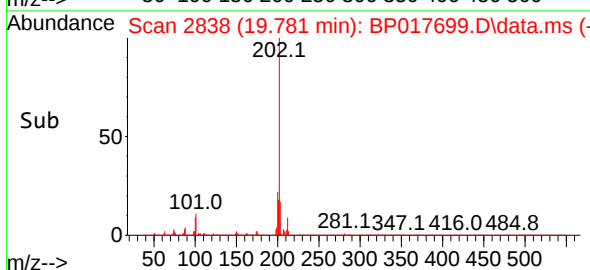
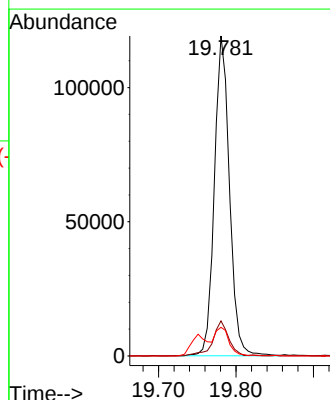
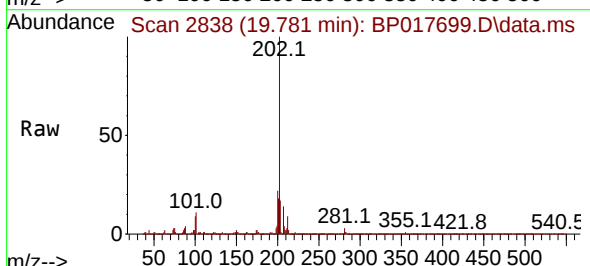
RT: 19.781 min Scan# 2838

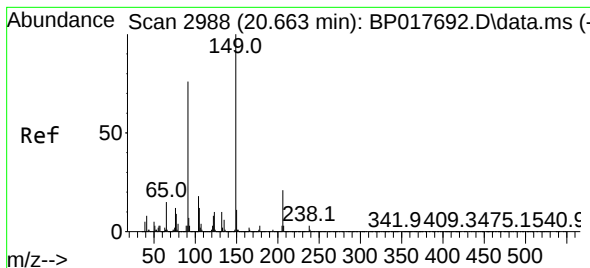
Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:	202	Resp:	161300
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.8	13.2
100	8.9	7.4	11.0





#83

Butylbenzylphthalate

Concen: 3.037 ng/ul

RT: 20.657 min Scan# 2988

Delta R.T. 0.000 min

Lab File: BP017699.D

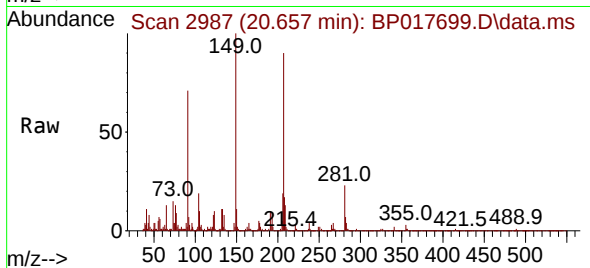
Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06



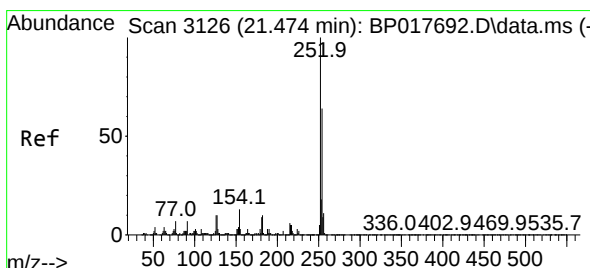
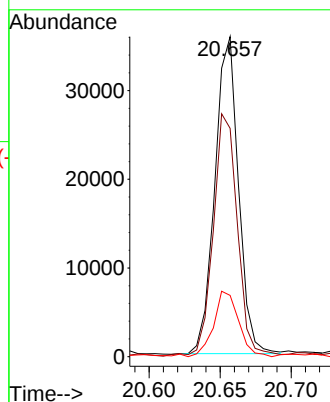
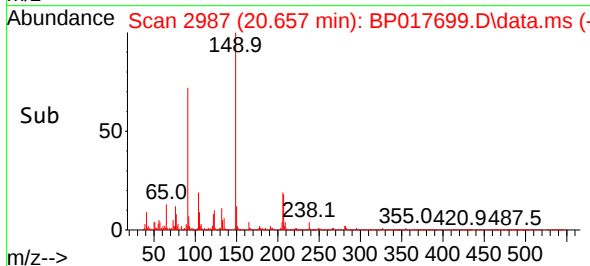
Tgt Ion:	149	Resp:	41260
Ion Ratio	Lower	Upper	
149	100		
91	71.4	59.6	89.4
206	19.1	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.155 ng/ul

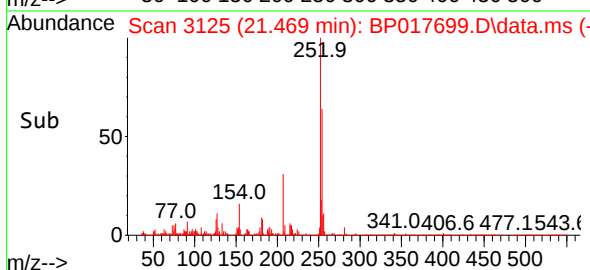
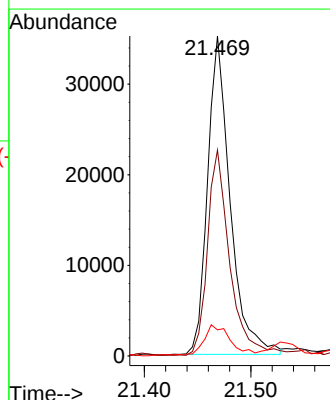
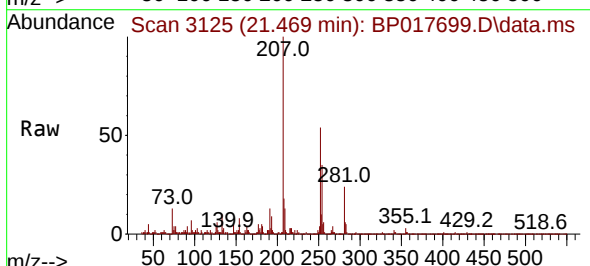
RT: 21.469 min Scan# 3125

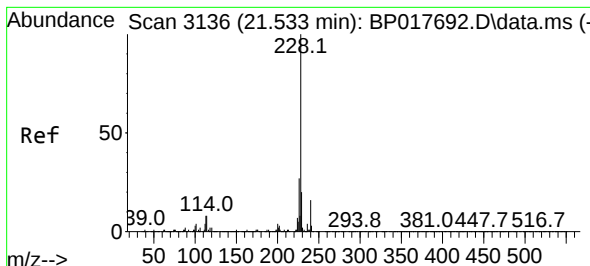
Delta R.T. 0.000 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:	252	Resp:	51714
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.8	77.6
126	8.2	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.372 ng/ul

RT: 21.522 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

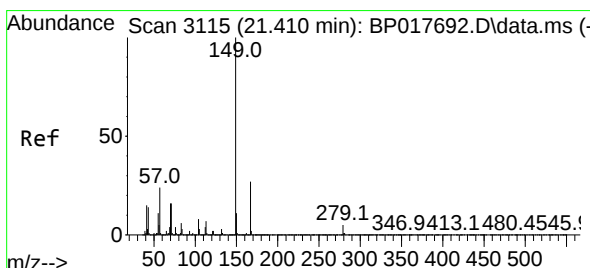
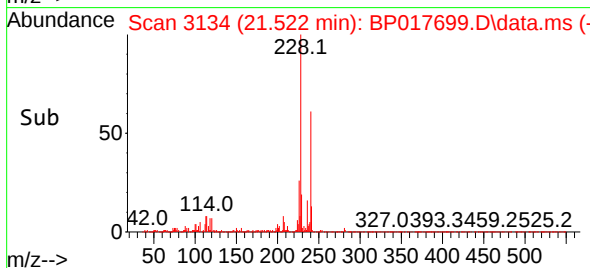
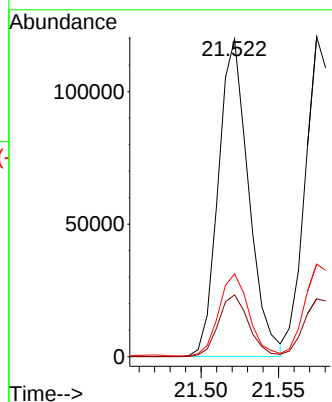
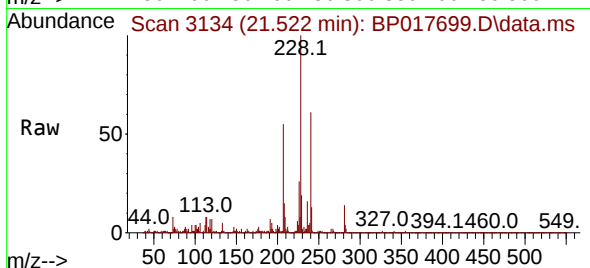
Tgt Ion:	228	Resp:	16290
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.4	23.2
226	26.1	21.4	32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.652 ng/ul

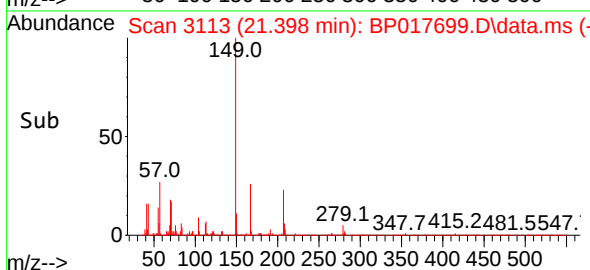
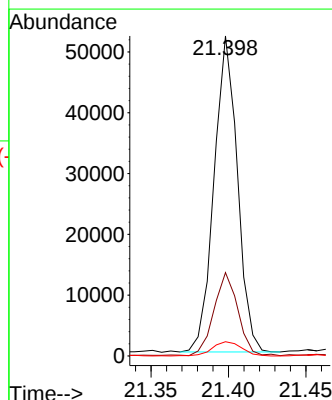
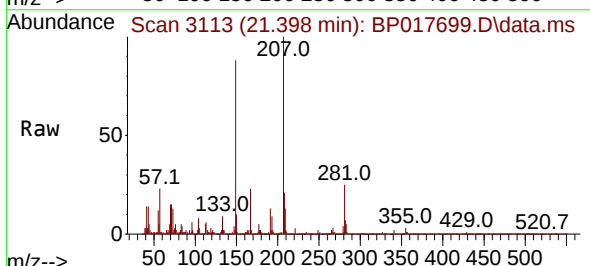
RT: 21.398 min Scan# 3113

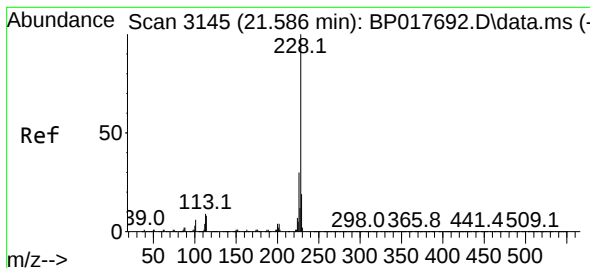
Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:	149	Resp:	54468
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.7	32.5
279	4.5	3.7	5.5





#87

Chrysene

Concen: 4.834 ng/ul

RT: 21.575 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:228 Resp: 166219

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.4

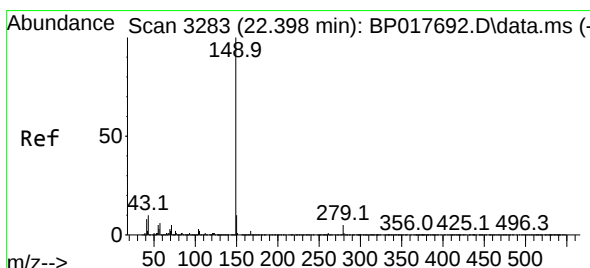
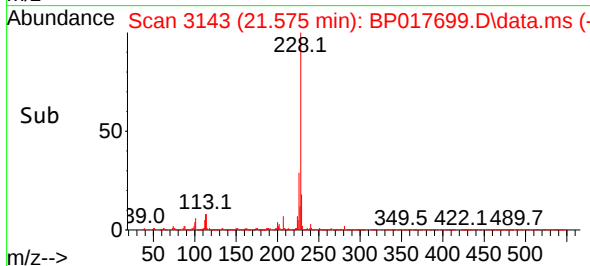
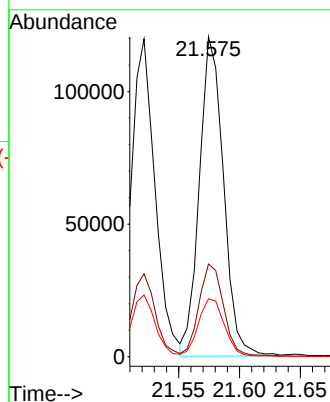
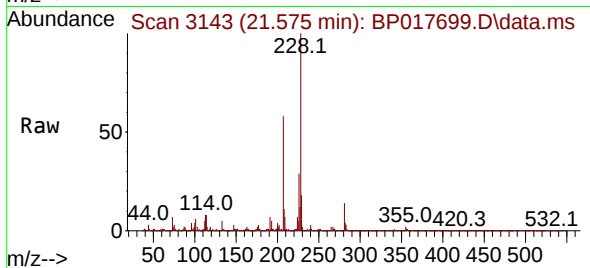
229 18.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#89

Di-n-octyl phthalate

Concen: 2.587 ng/ul

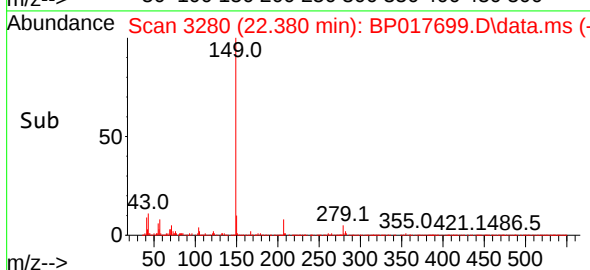
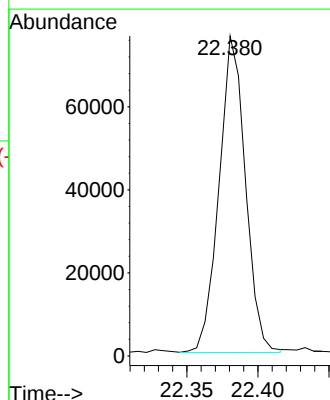
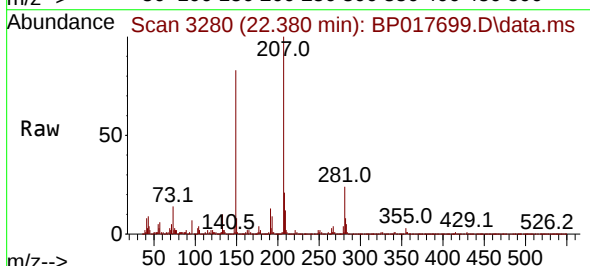
RT: 22.380 min Scan# 3280

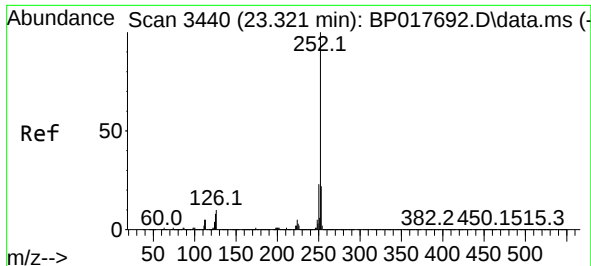
Delta R.T. -0.006 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

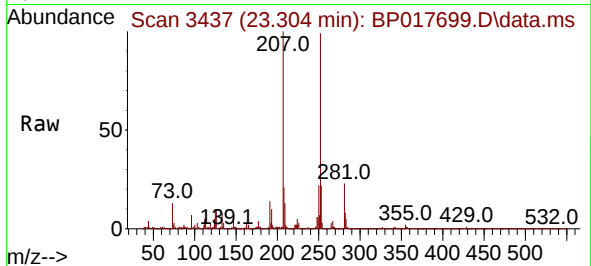
Tgt Ion:149 Resp: 98254





#90
Benzo(b)fluoranthene
Concen: 4.476 ng/ul
RT: 23.304 min Scan# 3440
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

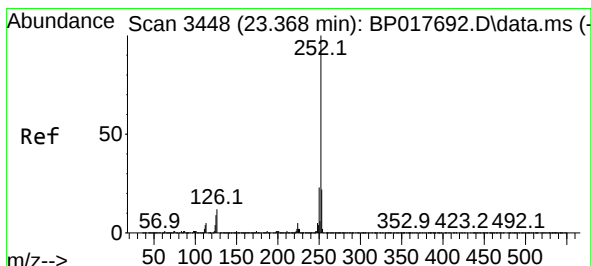
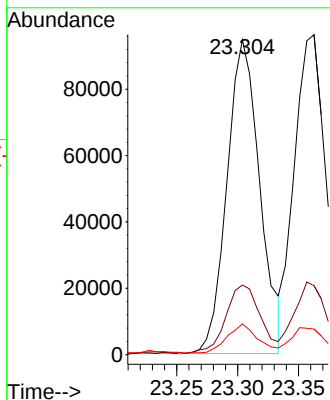
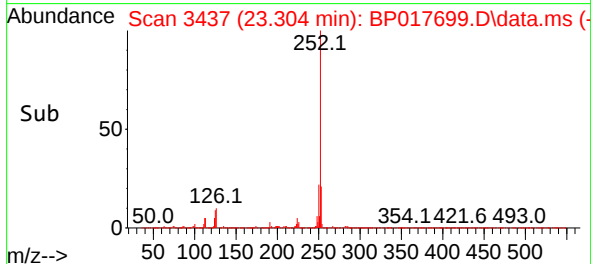
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 177290
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.8 6.9 10.3

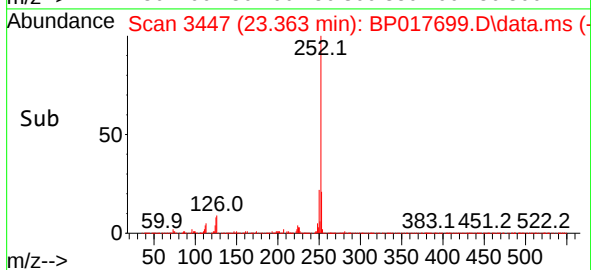
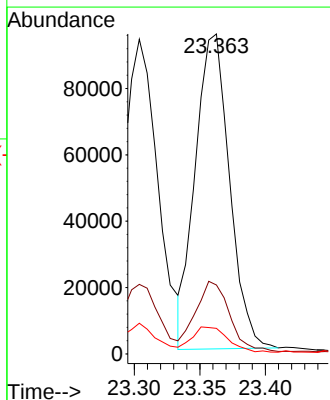
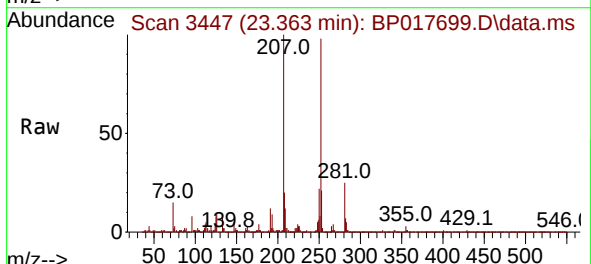
Manual Integrations
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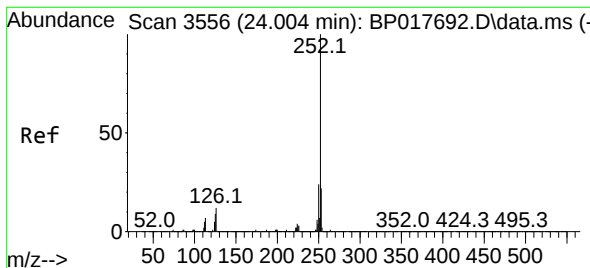
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.374 ng/ul
RT: 23.363 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

Tgt Ion:252 Resp: 172381
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.0 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.598 ng/ul

RT: 23.986 min Scan# 3556

Delta R.T. -0.012 min

Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:252 Resp: 16959

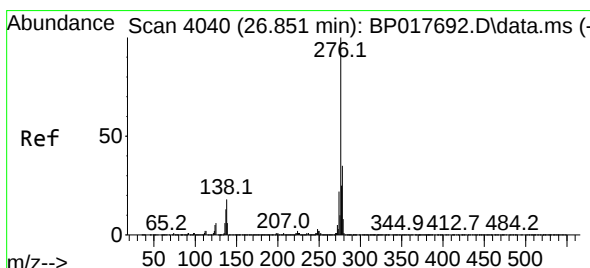
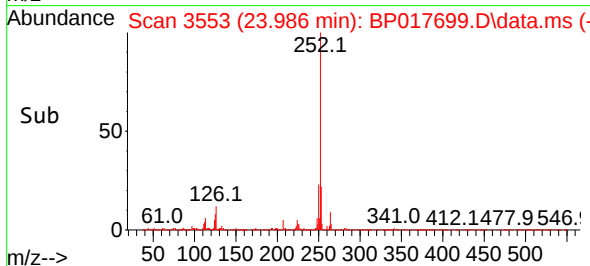
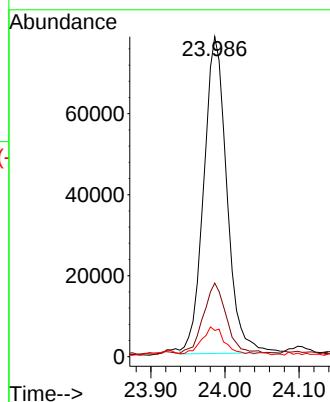
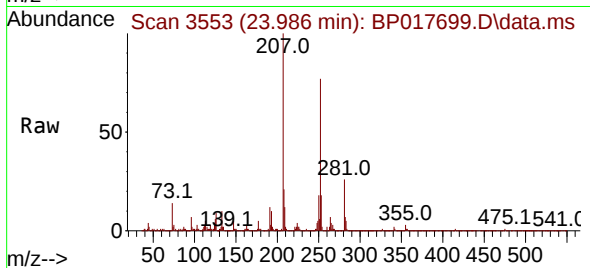
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	8.2	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.796 ng/ul

RT: 26.839 min Scan# 4038

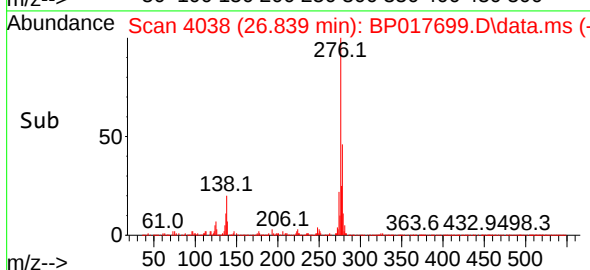
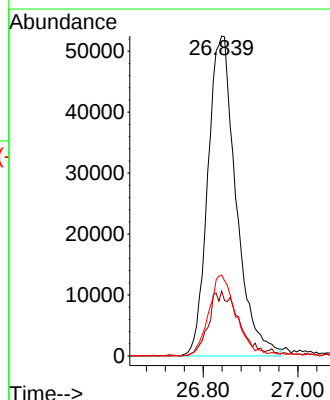
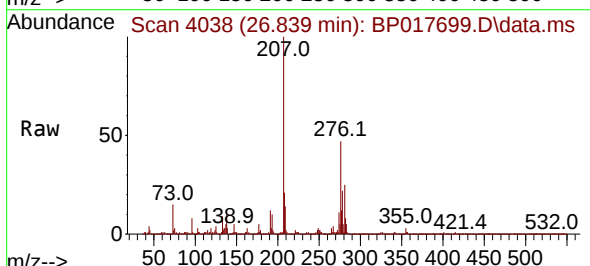
Delta R.T. 0.000 min

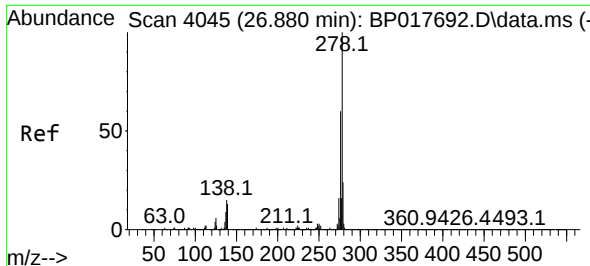
Lab File: BP017699.D

Acq: 17 Oct 2023 15:46

Tgt Ion:276 Resp: 216944

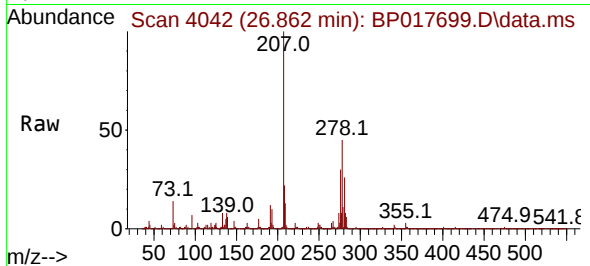
Ion	Ratio	Lower	Upper
276	100		
138	20.3	14.6	21.8
277	25.3	19.3	28.9





#95
Dibenzo(a,h)anthracene
Concen: 4.700 ng/ul
RT: 26.862 min Scan# 4045
Delta R.T. -0.006 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46

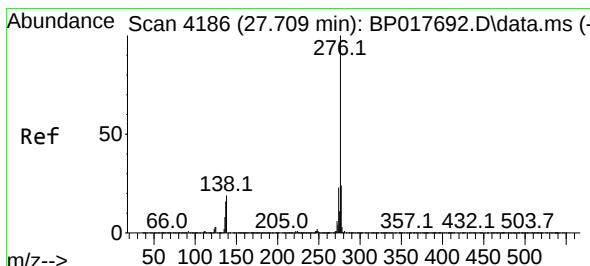
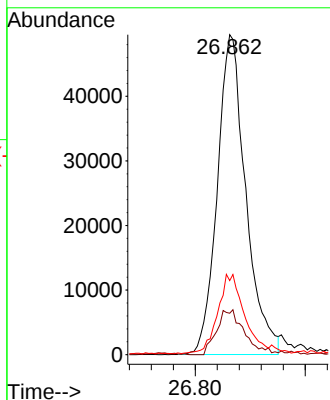
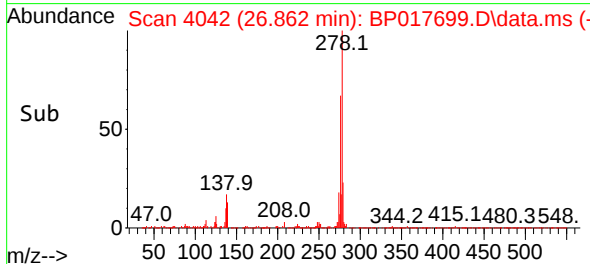
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



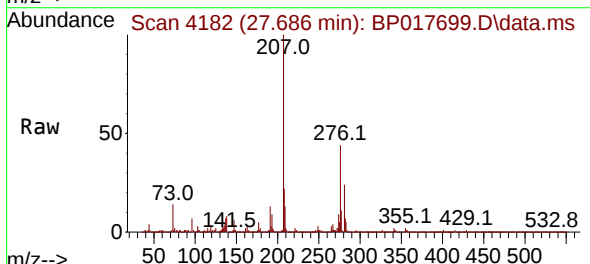
Tgt Ion:278 Resp: 178194
Ion Ratio Lower Upper
278 100
139 12.9 10.8 16.2
279 23.2 19.8 29.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#96
Benzo(g,h,i)perylene
Concen: 4.984 ng/ul
RT: 27.686 min Scan# 4182
Delta R.T. -0.012 min
Lab File: BP017699.D
Acq: 17 Oct 2023 15:46



Tgt Ion:276 Resp: 179286
Ion Ratio Lower Upper
276 100
138 17.6 14.1 21.1
277 24.5 18.7 28.1

