

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
 Data File : BP017696.D
 Acq On : 17 Oct 2023 13:38
 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 17 14:31:17 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	7.905	152	68840	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	270734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	166101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	378348	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	415468	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	471408	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10267	5.499	ng/uL	0.00
4) Pyridine-d5	3.699	84	118029	22.867	ng/u1	0.00
7) Phenol-d5	7.063	99	134112	20.926	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	90562	23.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	113066	22.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	104049	20.326	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	50406	22.166	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	51279	20.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	97098	20.202	ng/u1	0.01
31) 4-Chloroaniline-d4	10.916	131	142672	20.710	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	314349	21.852	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	342710	22.123	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	40778	16.949	ng/u1	0.02
60) Fluorene-d10	15.610	176	287974	23.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	36921	13.806	ng/u1	0.00
73) Anthracene-d10	17.504	188	441366	22.597	ng/u1	0.00
81) Pyrene-d10	19.757	212	563135	22.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	647782	24.478	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	2587m	1.306	ng/uL	
5) Pyridine	3.728	79	17534	3.308	ng/u1#	61
6) Benzaldehyde	7.081	77	15473	4.766	ng/u1	93
8) Phenol	7.093	94	27222	4.280	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.352	93	22252	4.360	ng/u1	96
12) 2-Chlorophenol	7.463	128	20934	4.224	ng/u1	97
13) 2-Methylphenol	8.363	108	17169	3.626	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.428	45	29698	4.510	ng/u1#	92
16) Acetophenone	8.769	105	34311	4.308	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.728	70	16205	4.020	ng/u1	97
18) 4-Methylphenol	8.699	108	19239	3.738	ng/u1	88
19) Hexachloroethane	8.969	117	9694	4.378	ng/u1	96
22) Nitrobenzene	9.163	77	27051	4.631	ng/u1	92
23) Isophorone	9.675	82	40698	3.864	ng/u1#	92
25) 2-Nitrophenol	9.869	139	10674	3.923	ng/u1#	86
26) 2,4-Dimethylphenol	9.916	107	22964	4.248	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.169	93	28377	4.410	ng/u1	94
29) 2,4-Dichlorophenol	10.393	162	19121	4.123	ng/u1	87
30) Naphthalene	10.793	128	75661	4.807	ng/u1	98
32) 4-Chloroaniline	10.946	127	27484	4.172	ng/u1	99
33) Hexachlorobutadiene	11.016	225	16717	4.662	ng/u1#	87
34) Caprolactam	11.781	113	6418m	4.524	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	16809m	3.435	ng/u1	
36) 2-Methylnaphthalene	12.416	142	47621	4.418	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
 Data File : BP017696.D
 Acq On : 17 Oct 2023 13:38
 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

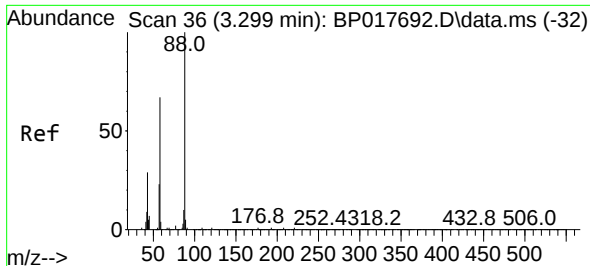
Quant Time: Oct 17 14:31:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

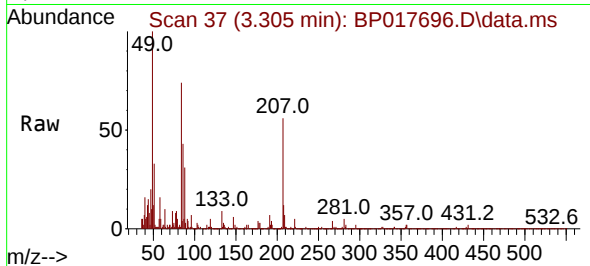
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	41408m	3.785	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.769	216	30485	5.031	ng/ul#	97
40) Hexachlorocyclopentadiene	12.704	237	9555	3.510	ng/ul	92
41) 2,4,6-Trichlorophenol	13.040	196	13126	3.517	ng/ul	85
42) 2,4,5-Trichlorophenol	13.116	196	15581m	3.955	ng/ul	
43) 1,1'-Biphenyl	13.434	154	64312	4.724	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	53035	4.870	ng/ul	98
45) 2-Nitroaniline	13.740	65	10102	3.355	ng/ul	92
47) Dimethylphthalate	14.069	163	64073	4.510	ng/ul	97
48) 2,6-Dinitrotoluene	14.228	165	8941	3.401	ng/ul	95
50) Acenaphthylene	14.334	152	81013	4.623	ng/ul	97
51) 3-Nitroaniline	14.587	138	9467m	3.570	ng/ul	
52) Acenaphthene	14.675	153	55965	4.801	ng/ul	100
53) 2,4-Dinitrophenol	14.798	184	8241m	5.076	ng/ul	
55) 4-Nitrophenol	14.892	109	9283m	4.118	ng/ul	
56) Dibenzofuran	15.016	168	82395	4.928	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	14429	3.555	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.240	232	13105	3.596	ng/ul#	93
59) Diethylphthalate	15.439	149	59464	4.173	ng/ul	97
61) Fluorene	15.669	166	64919	4.709	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	34578	4.717	ng/ul	91
63) 4-Nitroaniline	15.763	138	9782m	3.712	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.775	198	8938	3.191	ng/ul#	72
67) N-Nitrosodiphenylamine	15.892	169	50573	4.473	ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	19281	4.226	ng/ul	95
69) Hexachlorobenzene	16.651	284	26265	4.837	ng/ul	98
70) Atrazine	16.857	200	13303m	3.041	ng/ul	
71) Pentachlorophenol	17.039	266	11412	3.471	ng/ul	92
72) Phenanthrene	17.445	178	104927	4.714	ng/ul	96
74) Anthracene	17.539	178	106371	4.724	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.387	216	22693	3.801	ng/ul	99
76) Pentachlorobenzene	14.904	250	24954	4.073	ng/ul	93
77) Carbazole	17.833	167	80530	3.950	ng/ul	97
78) Di-n-butylphthalate	18.345	149	82202	3.274	ng/ul	99
80) Fluoranthene	19.427	202	120814	4.228	ng/ul#	96
82) Pyrene	19.786	202	138644	4.644	ng/ul	100
83) Butylbenzylphthalate	20.657	149	33088	2.849	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.474	252	44140	4.148	ng/ul	98
85) Benzo(a)anthracene	21.527	228	139234	4.371	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	43545	2.480	ng/ul	99
87) Chrysene	21.580	228	144120	4.902	ng/ul	98
89) Di-n-octyl phthalate	22.392	149	83341	2.708	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	143394	4.467	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	149871	4.693	ng/ul	98
93) Benzo(a)pyrene	23.992	252	141896	4.747	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.851	276	168915	4.608	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	141038	4.590	ng/ul	99
96) Benzo(g,h,i)perylene	27.704	276	141189	4.843	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.306 ng/uL m
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

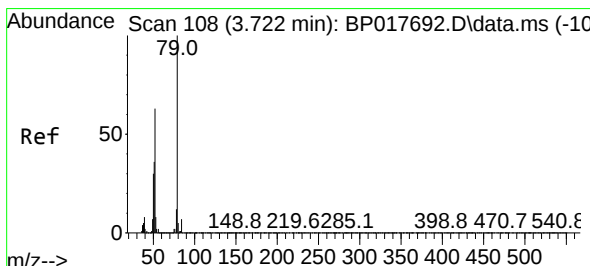
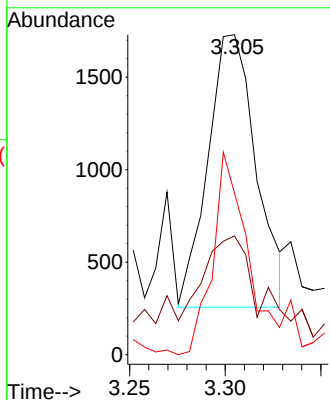
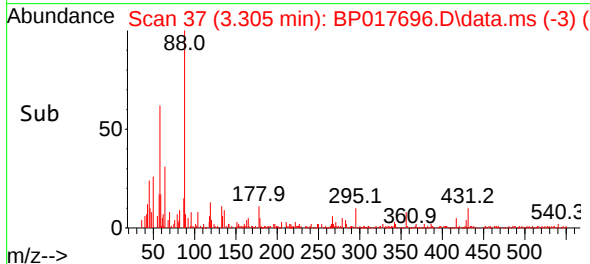
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
43 37.1 27.3 40.9
58 50.5 53.3 79.9

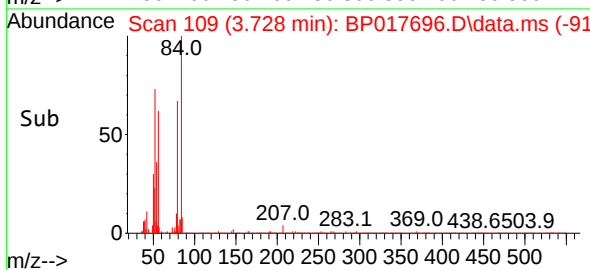
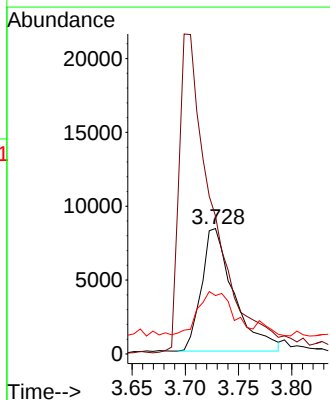
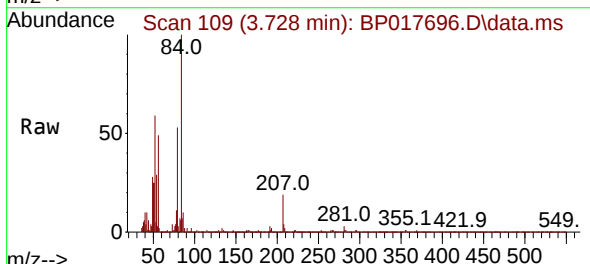
Manual Integrations
APPROVED

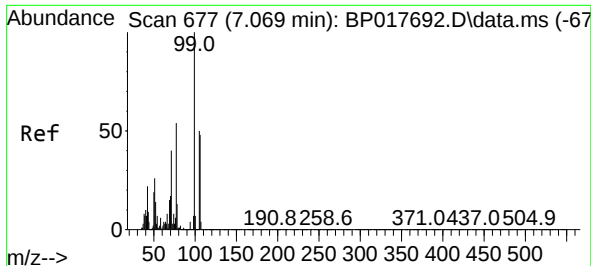
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#5
Pyridine
Concen: 3.308 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

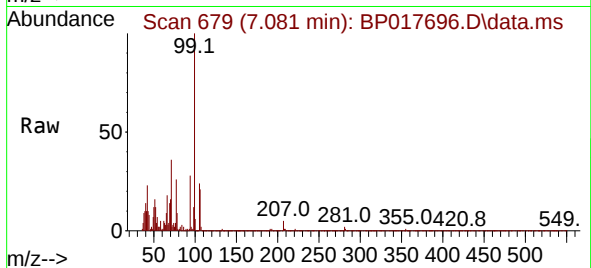
Tgt Ion: 79 Resp: 17534
Ion Ratio Lower Upper
79 100
52 110.0 55.8 83.6#
51 46.5 28.7 43.1#





#6
Benzaldehyde
Concen: 4.766 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.018 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

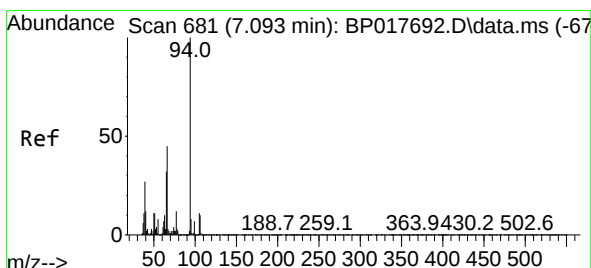
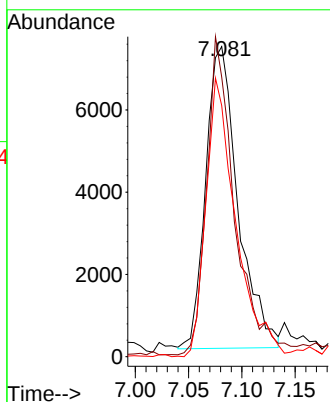
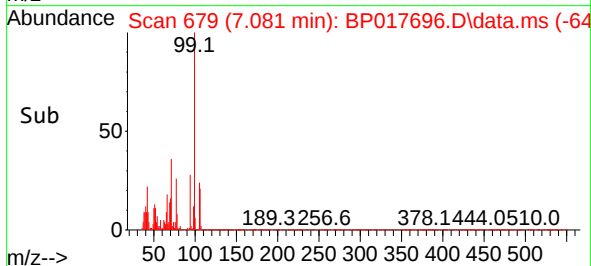
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 77 Resp: 1547
Ion Ratio Lower Upper
77 100
105 90.2 74.9 112.3
106 81.0 72.2 108.2

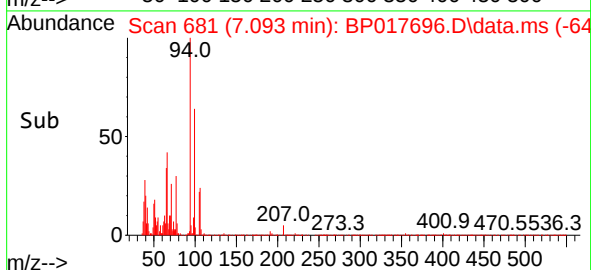
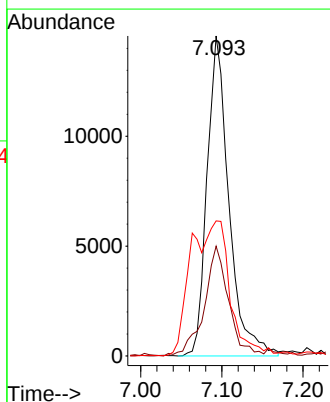
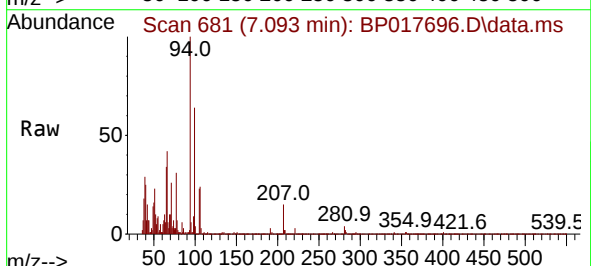
Manual Integrations
APPROVED

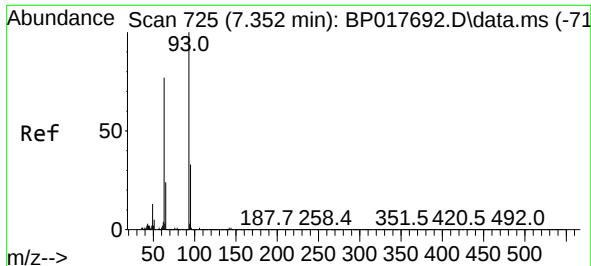
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#8
Phenol
Concen: 4.280 ng/ul
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

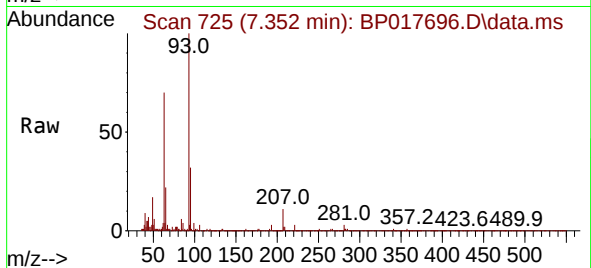
Tgt Ion: 94 Resp: 27222
Ion Ratio Lower Upper
94 100
65 34.3 24.2 36.4
66 42.2 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.360 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

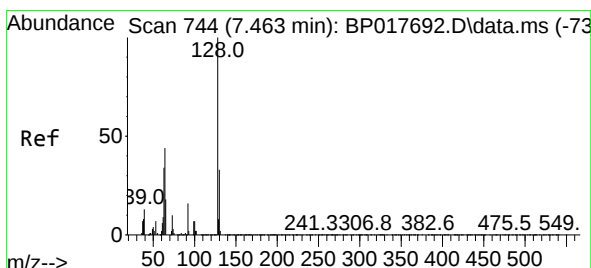
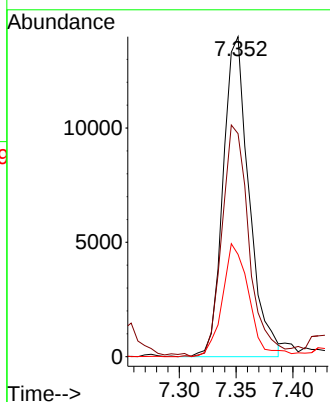
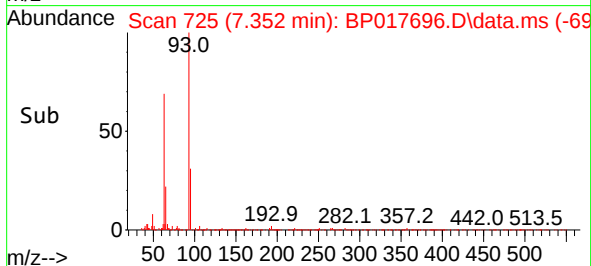
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 93 Resp: 2225
Ion Ratio Lower Upper
93 100
63 69.7 59.4 89.2
95 32.0 25.3 37.9

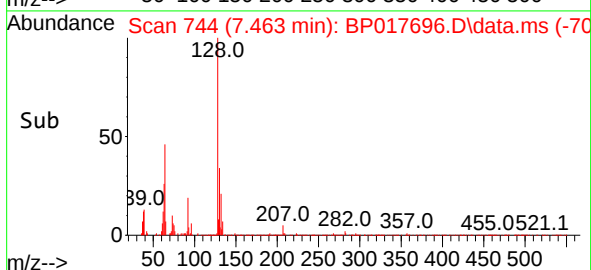
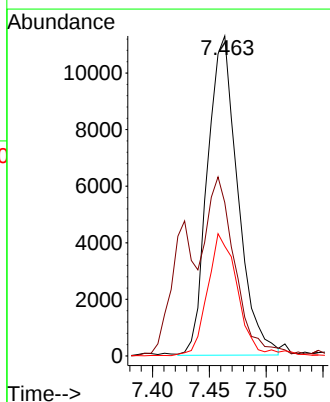
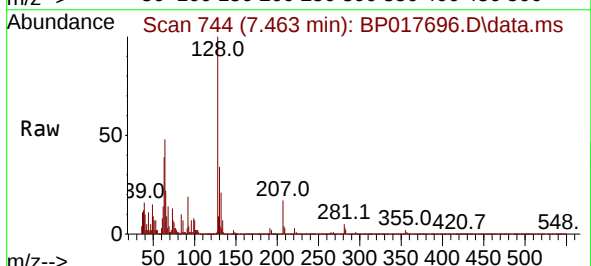
Manual Integrations
APPROVED

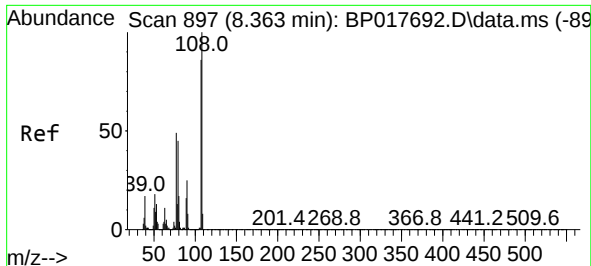
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#12
2-Chlorophenol
Concen: 4.224 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:128 Resp: 20934
Ion Ratio Lower Upper
128 100
64 48.0 36.9 55.3
130 34.3 25.8 38.8





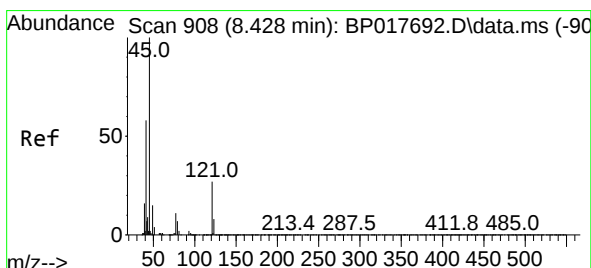
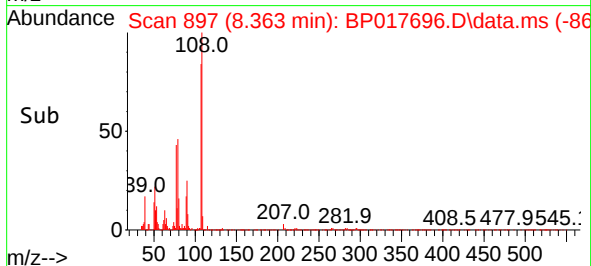
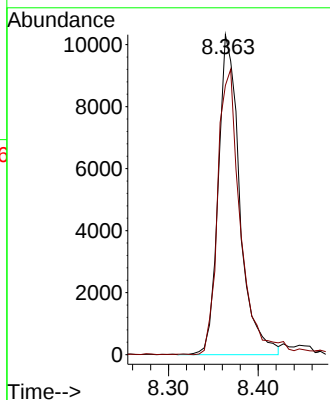
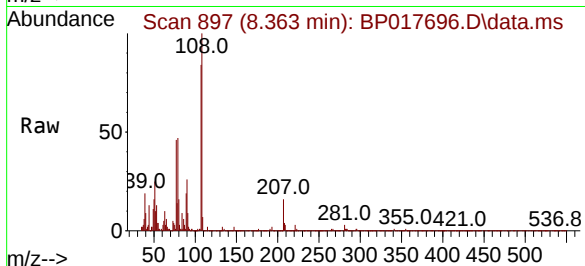
#13
2-Methylphenol
Concen: 3.626 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:108 Resp: 17169
Ion Ratio Lower Upper
108 100
107 84.2 70.2 105.2

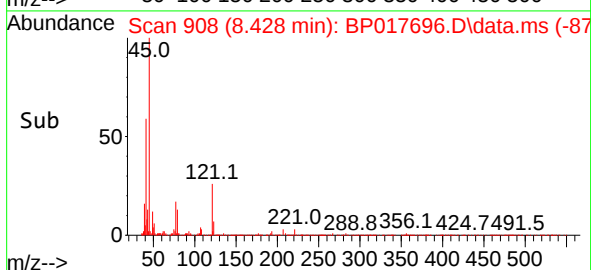
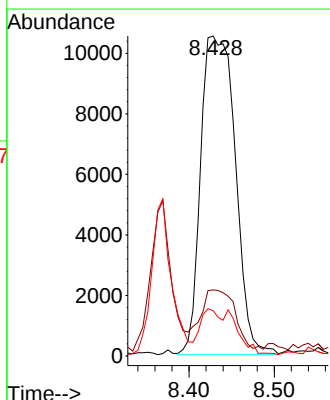
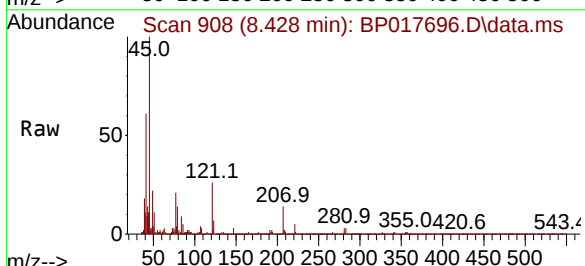
Manual Integrations
APPROVED

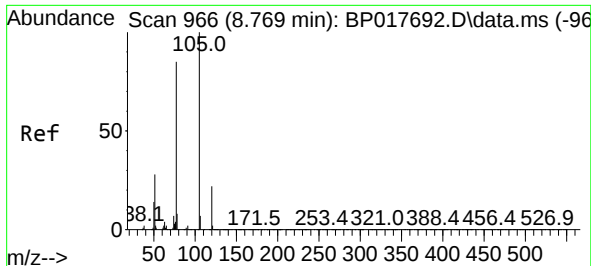
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.510 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion: 45 Resp: 29698
Ion Ratio Lower Upper
45 100
77 20.7 13.0 19.6#
79 14.2 9.5 14.3





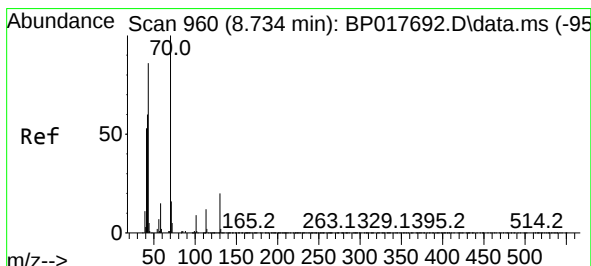
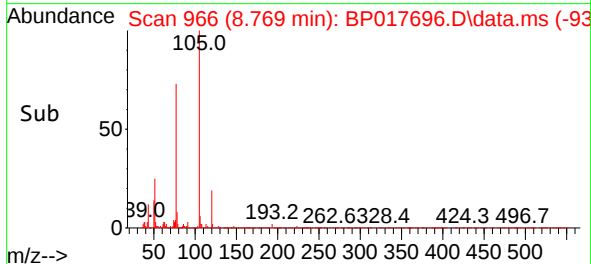
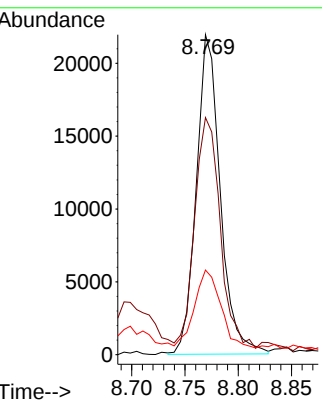
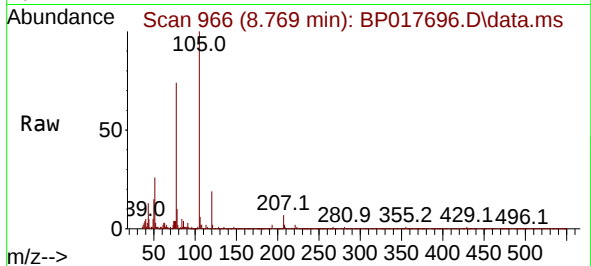
#16
Acetophenone
Concen: 4.308 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion: 105 Resp: 3431
Ion Ratio Lower Upper
105 100
77 74.1 64.3 96.5
51 26.5 22.6 33.8

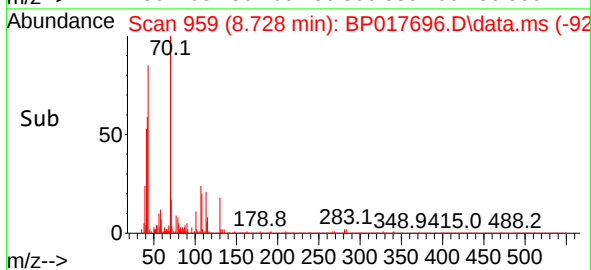
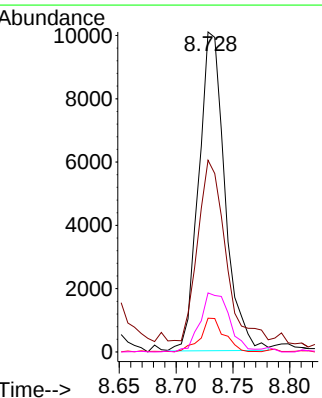
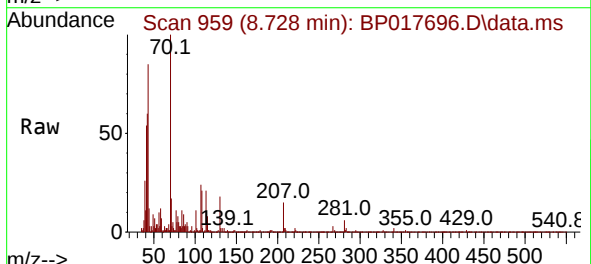
Manual Integrations
APPROVED

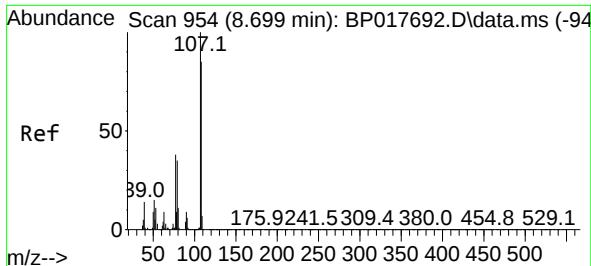
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.020 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

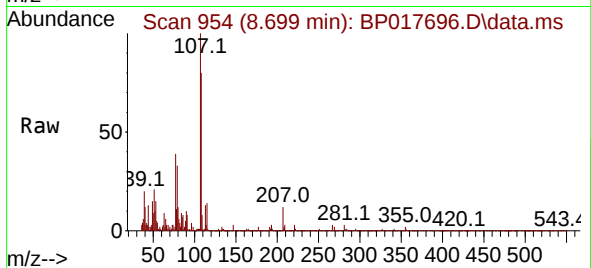
Tgt Ion: 70 Resp: 16205
Ion Ratio Lower Upper
70 100
42 59.9 46.6 70.0
101 10.6 7.8 11.6
130 18.5 16.4 24.6





#18
4-Methylphenol
Concen: 3.738 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

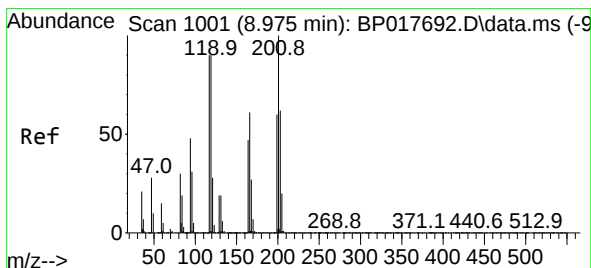
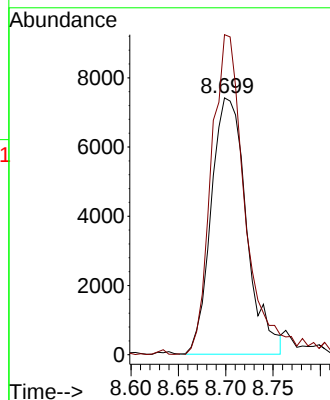
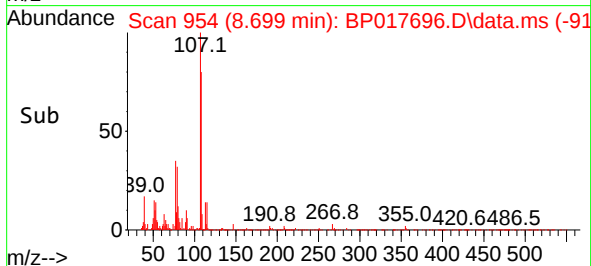
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:108 Resp: 19239
Ion Ratio Lower Upper
108 100
107 124.6 89.4 134.2

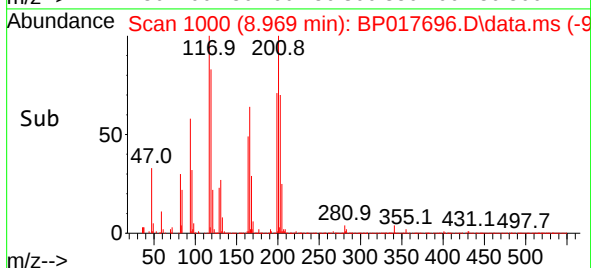
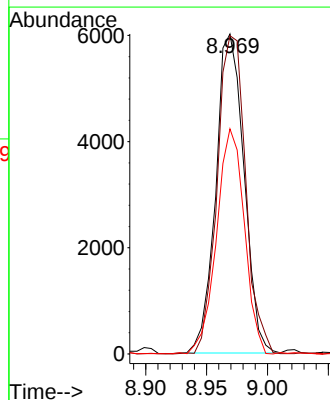
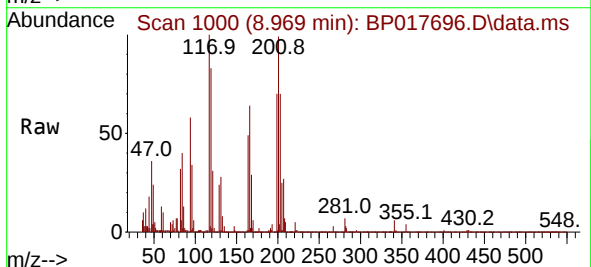
Manual Integrations
APPROVED

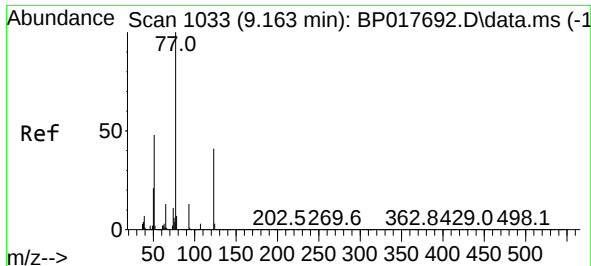
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#19
Hexachloroethane
Concen: 4.378 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

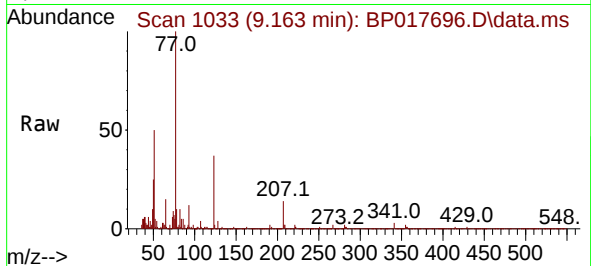
Tgt Ion:117 Resp: 9694
Ion Ratio Lower Upper
117 100
201 103.4 85.4 128.2
199 71.6 53.7 80.5





#22
Nitrobenzene
Concen: 4.631 ng/ul
RT: 9.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

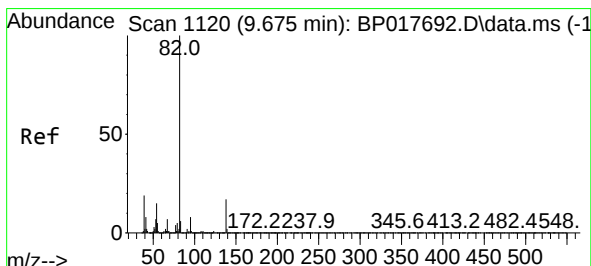
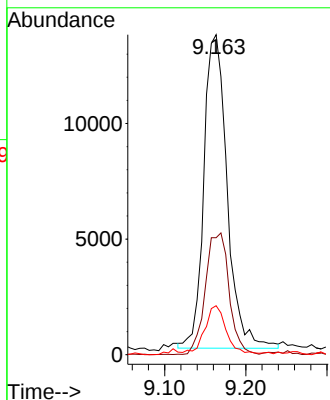
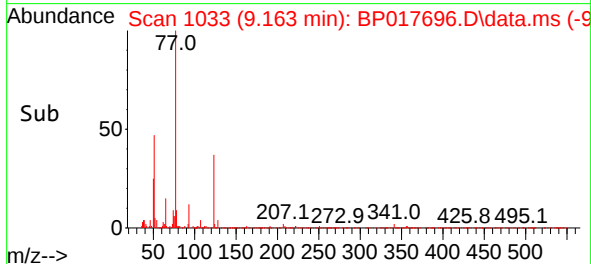
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 77 Resp: 2705
Ion Ratio Lower Upper
77 100
123 36.5 33.8 50.6
65 15.3 10.6 16.0

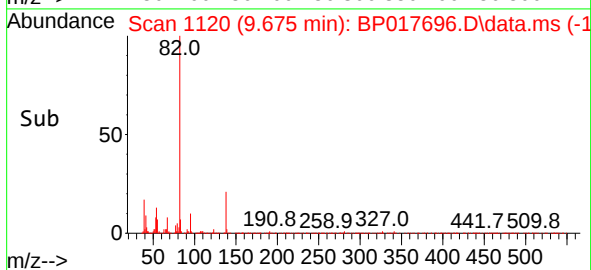
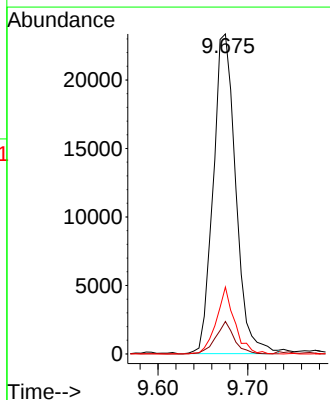
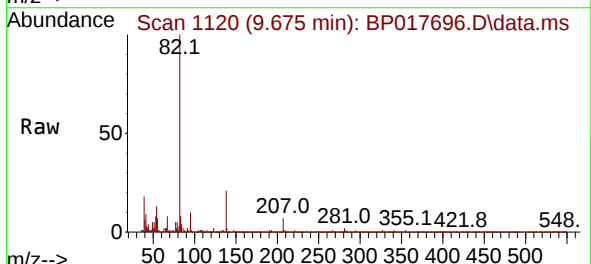
Manual Integrations
APPROVED

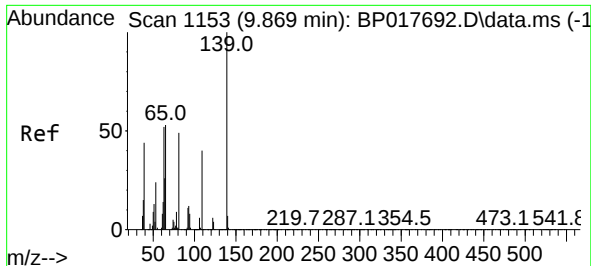
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#23
Isophorone
Concen: 3.864 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion: 82 Resp: 40698
Ion Ratio Lower Upper
82 100
95 10.2 6.0 9.0#
138 20.9 13.9 20.9#





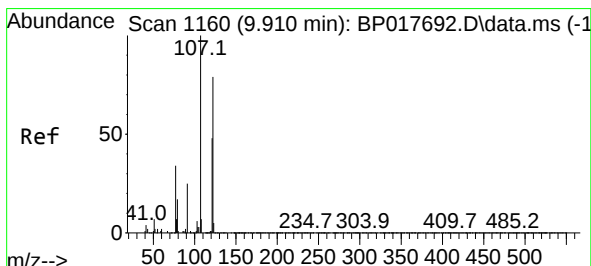
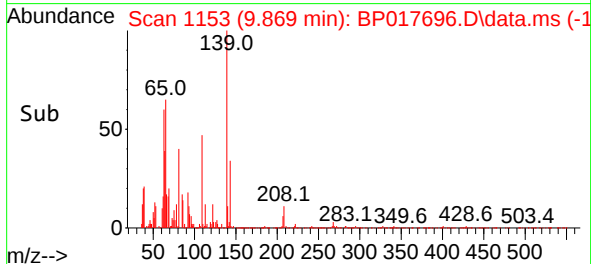
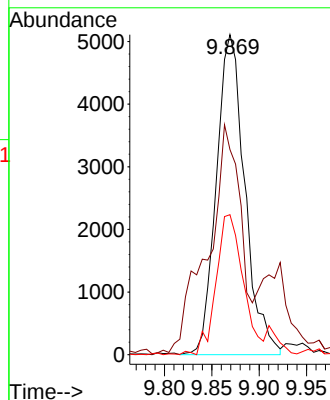
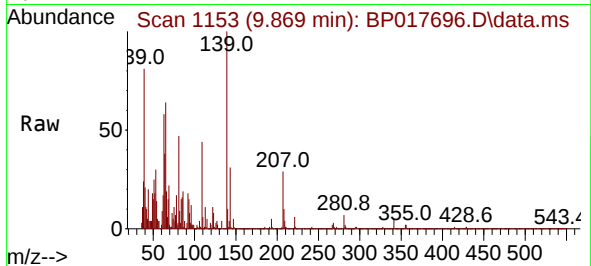
#25
2-Nitrophenol
Concen: 3.923 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:139 Resp: 10674
Ion Ratio Lower Upper
139 100
65 64.1 43.4 65.2
109 43.8 28.1 42.1

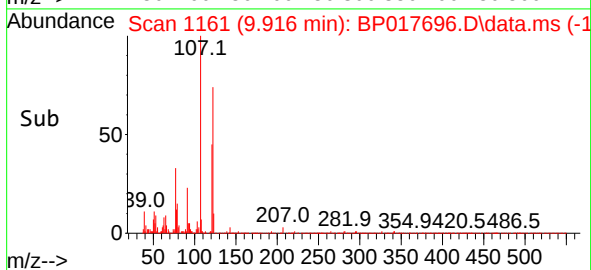
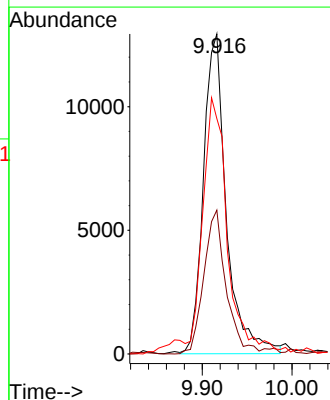
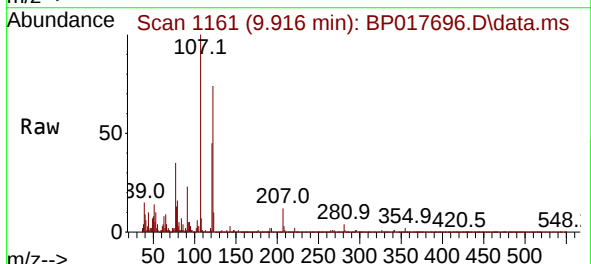
Manual Integrations
APPROVED

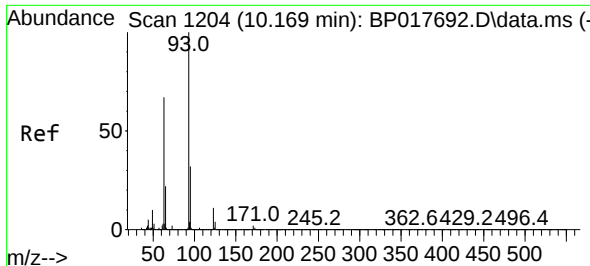
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#26
2,4-Dimethylphenol
Concen: 4.248 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

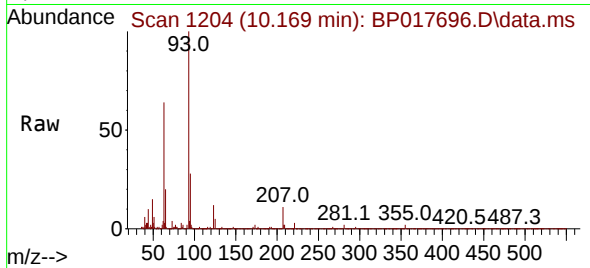
Tgt Ion:107 Resp: 22964
Ion Ratio Lower Upper
107 100
121 44.9 37.6 56.4
122 73.6 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.410 ng/ul
RT: 10.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

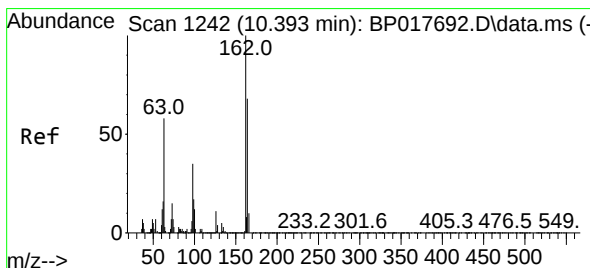
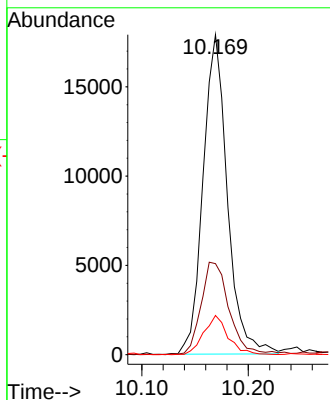
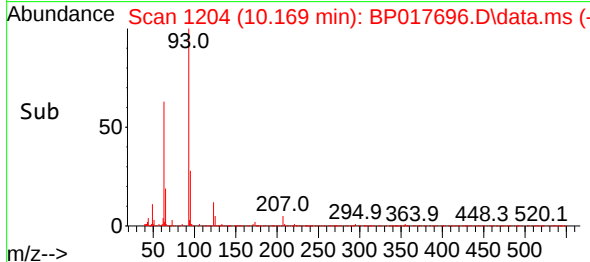
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 93 Resp: 2837
Ion Ratio Lower Upper
93 100
95 28.4 25.9 38.9
123 12.3 8.8 13.2

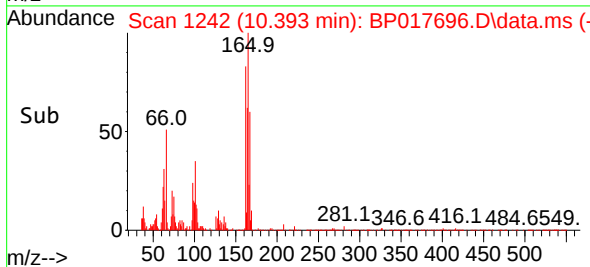
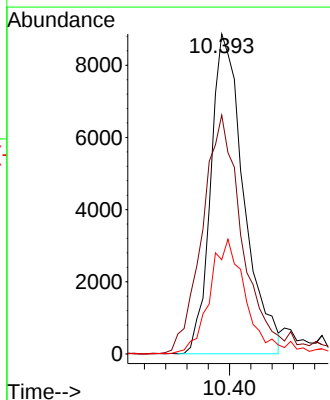
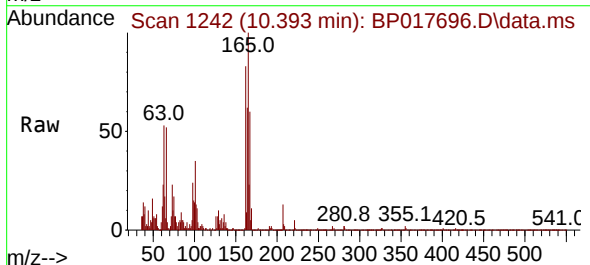
Manual Integrations
APPROVED

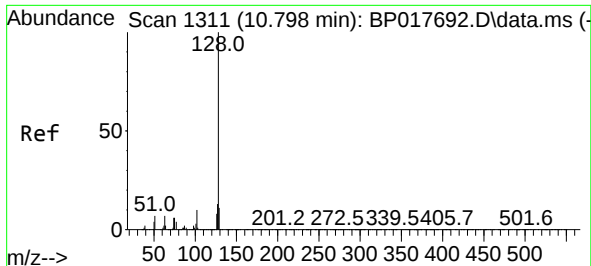
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#29
2,4-Dichlorophenol
Concen: 4.123 ng/ul
RT: 10.393 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:162 Resp: 19121
Ion Ratio Lower Upper
162 100
164 74.6 50.5 75.7
98 29.4 27.8 41.8





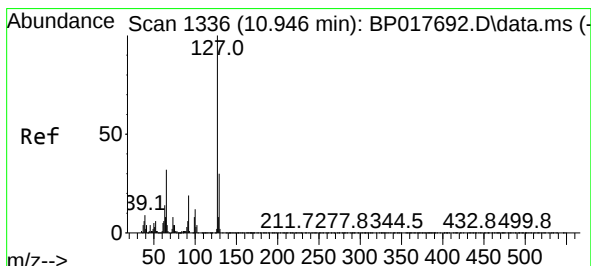
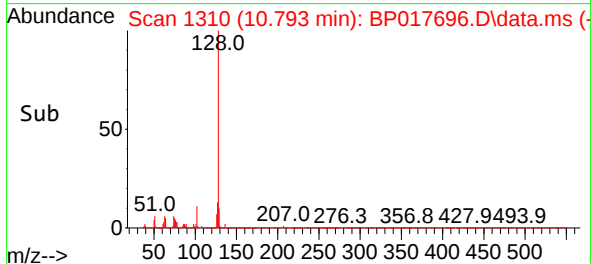
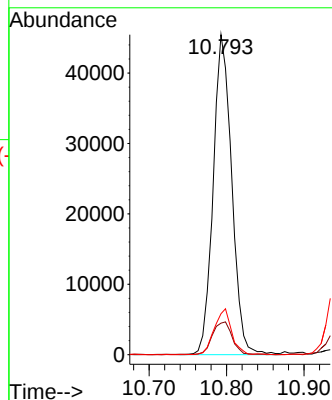
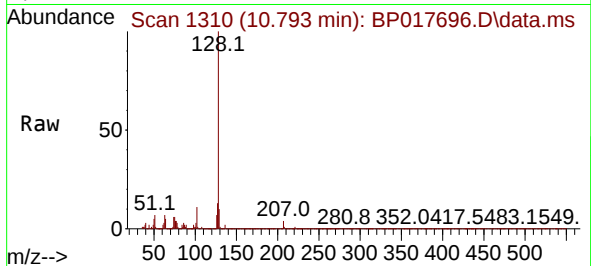
#30
Naphthalene
Concen: 4.807 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:128 Resp: 7566
Ion Ratio Lower Upper
128 100
129 9.9 8.9 13.3
127 12.8 10.5 15.7

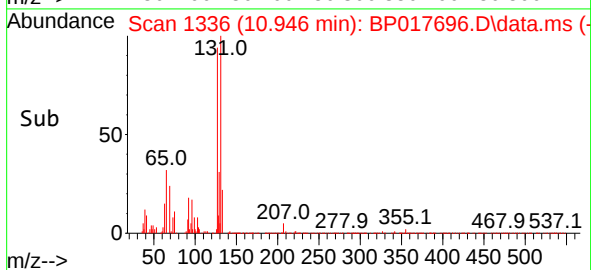
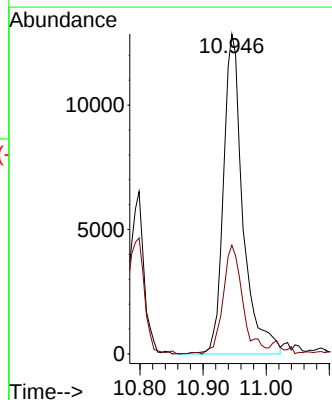
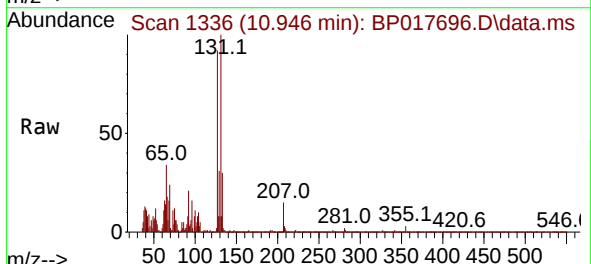
Manual Integrations
APPROVED

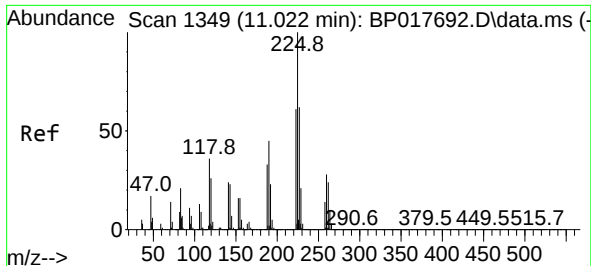
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#32
4-Chloroaniline
Concen: 4.172 ng/ul
RT: 10.946 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

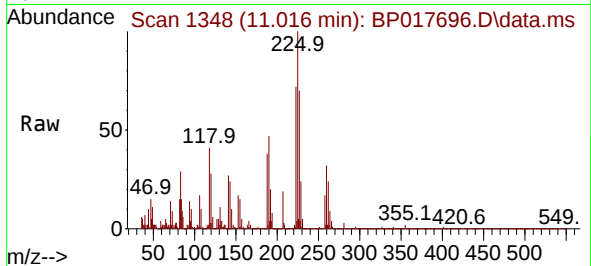
Tgt Ion:127 Resp: 27484
Ion Ratio Lower Upper
127 100
129 33.9 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.662 ng/ul
RT: 11.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

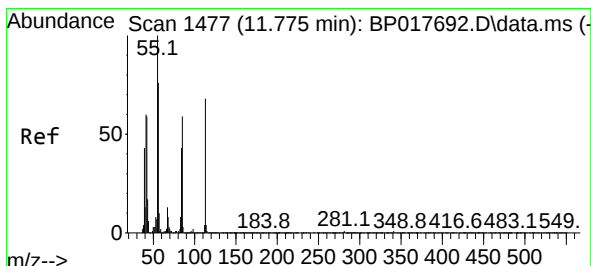
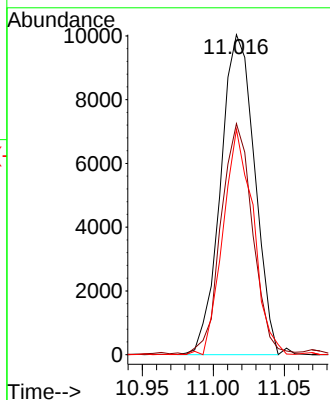
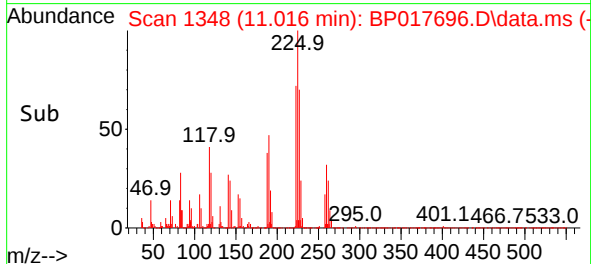
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



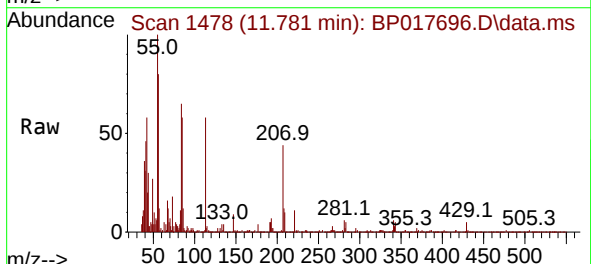
Tgt Ion:225 Resp: 1671
Ion Ratio Lower Upper
225 100
223 76.2 50.2 75.2
227 70.4 51.0 76.4

Manual Integrations
APPROVED

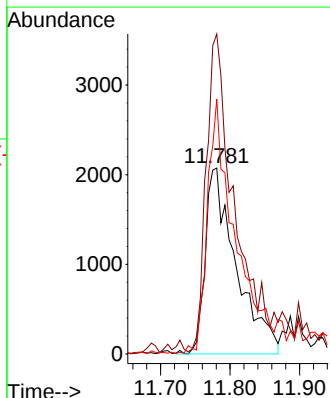
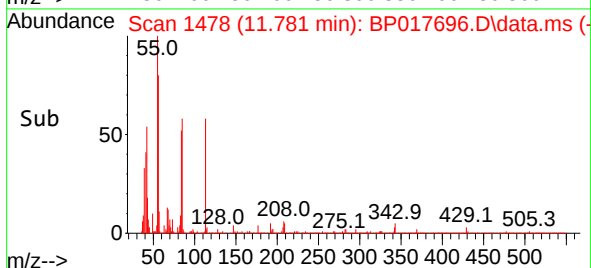
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

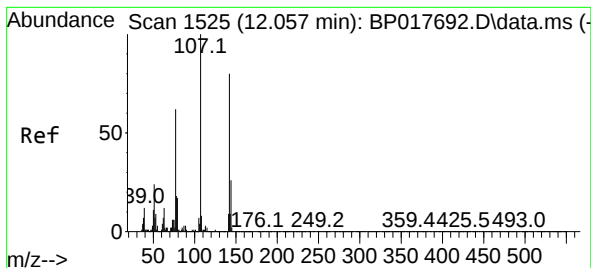


#34
Caprolactam
Concen: 4.524 ng/ul m
RT: 11.781 min Scan# 1478
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38



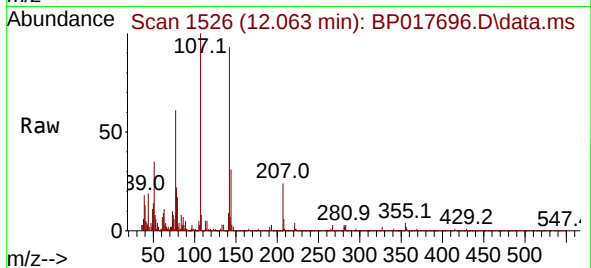
Tgt Ion:113 Resp: 6418
Ion Ratio Lower Upper
113 100
55 172.0 126.9 190.3
56 137.1 97.9 146.9





#35
4-Chloro-3-methylphenol
Concen: 3.435 ng/ul m
RT: 12.063 min Scan# 1525
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

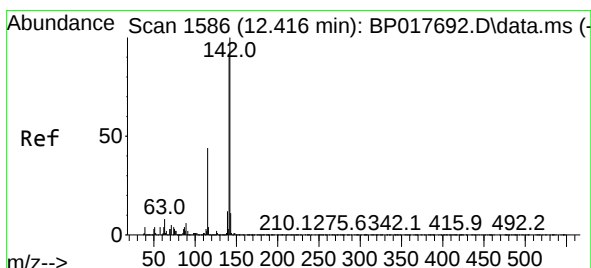
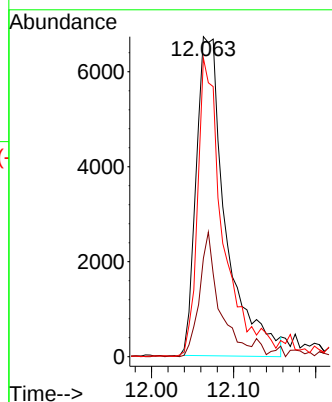
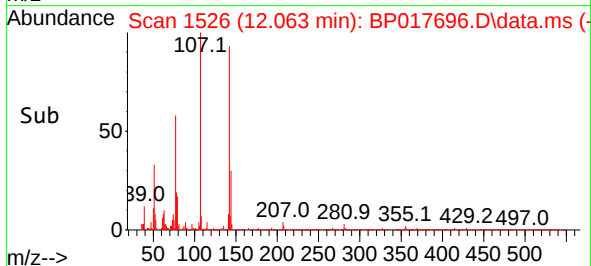
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:107 Resp: 16809
Ion Ratio Lower Upper
107 100
144 30.8 20.1 30.1
142 93.3 63.3 94.9

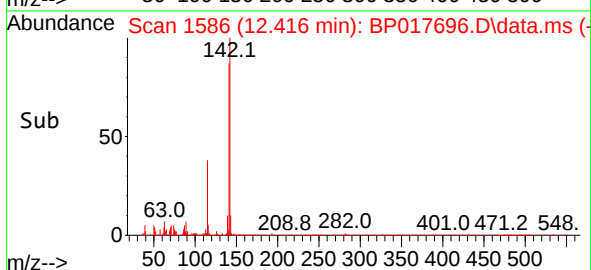
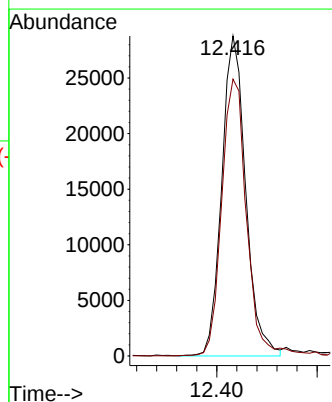
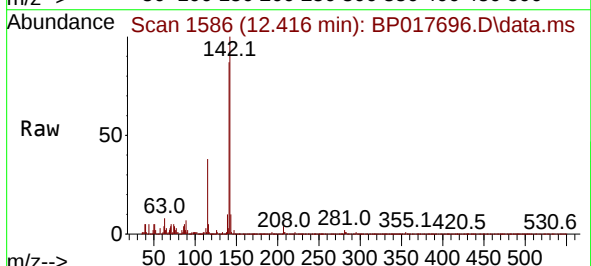
Manual Integrations
APPROVED

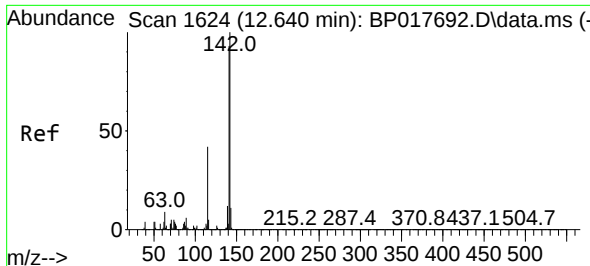
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#36
2-Methylnaphthalene
Concen: 4.418 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

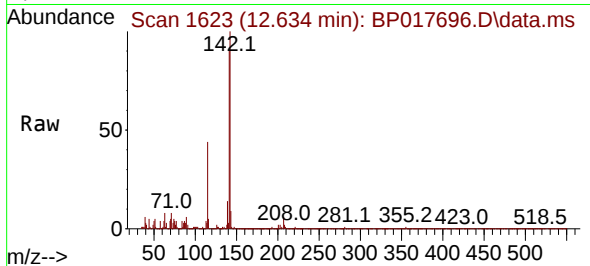
Tgt Ion:142 Resp: 47621
Ion Ratio Lower Upper
142 100
141 86.5 72.8 109.2





#37
1-Methylnaphthalene
Concen: 3.785 ng/ul m
RT: 12.634 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

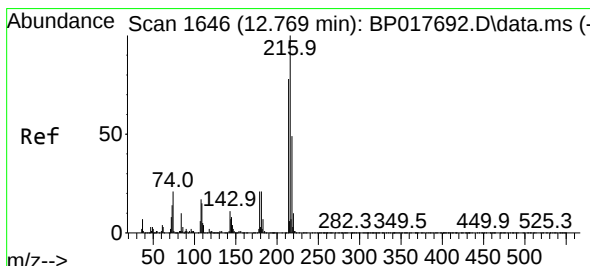
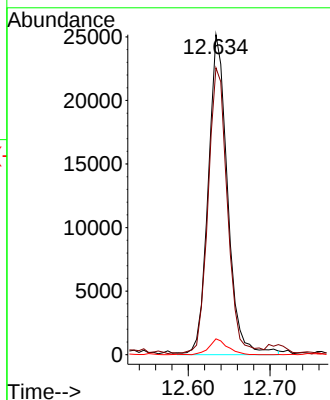
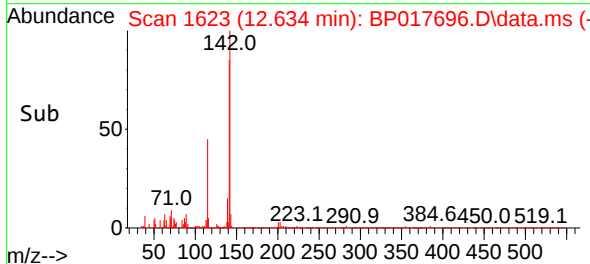
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:142 Resp: 41408
Ion Ratio Lower Upper
142 100
141 89.7 74.3 111.5
116 5.0 3.3 4.9

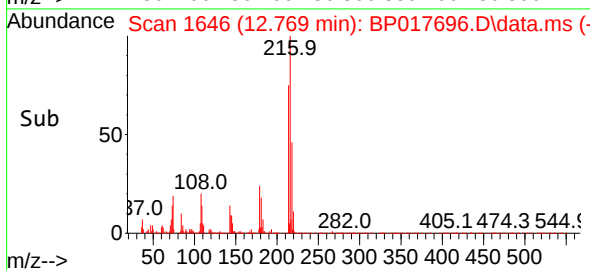
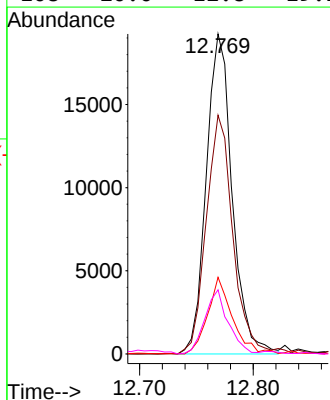
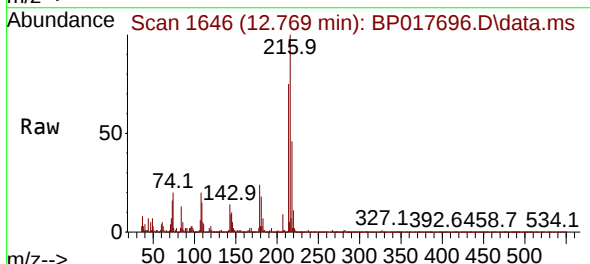
Manual Integrations
APPROVED

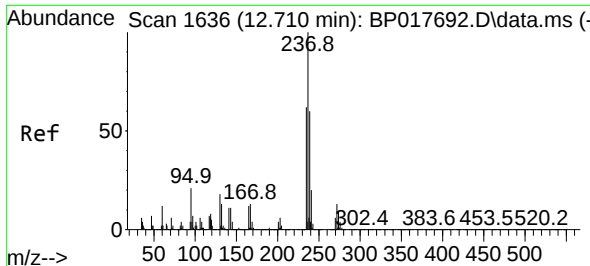
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.031 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:216 Resp: 30485
Ion Ratio Lower Upper
216 100
214 74.6 59.8 89.8
179 24.0 16.6 25.0
108 20.0 12.8 19.2





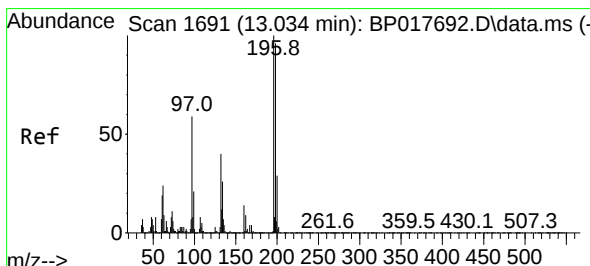
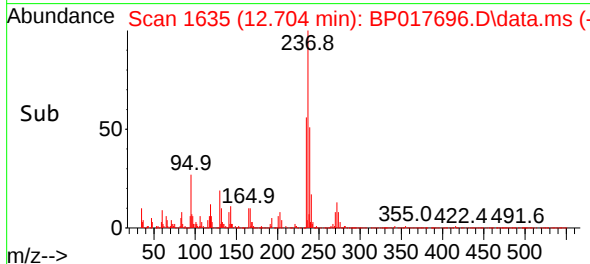
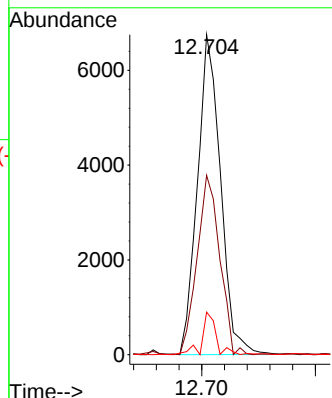
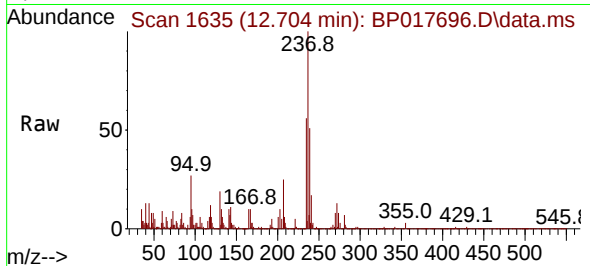
#40
Hexachlorocyclopentadiene
Concen: 3.510 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:237 Resp: 955
Ion Ratio Lower Upper
237 100
235 56.1 50.4 75.6
272 13.3 11.3 16.9

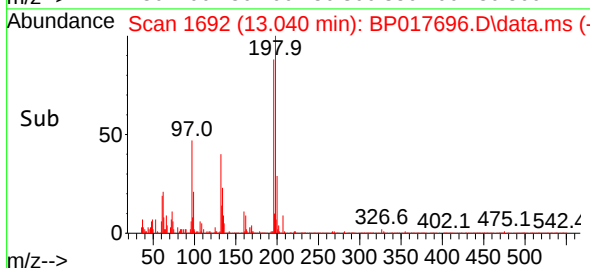
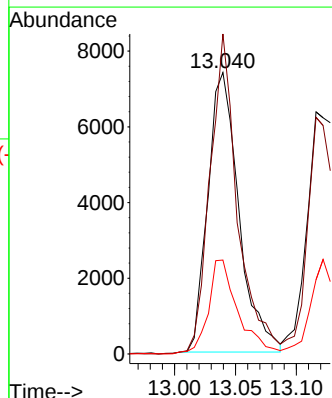
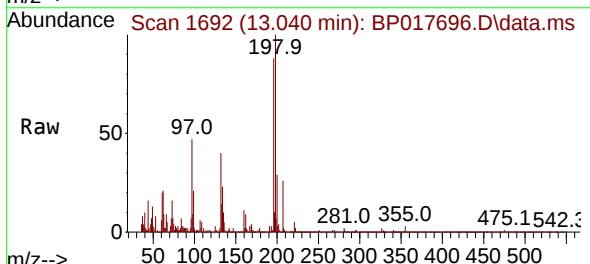
Manual Integrations
APPROVED

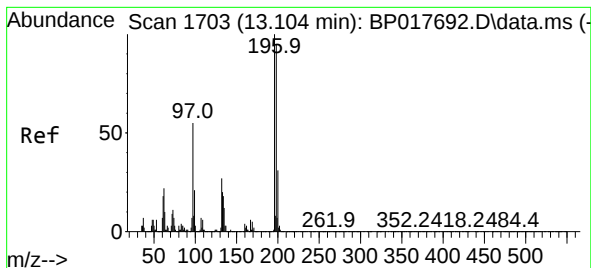
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#41
2,4,6-Trichlorophenol
Concen: 3.517 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:196 Resp: 13126
Ion Ratio Lower Upper
196 100
198 113.7 77.3 115.9
200 36.3 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 3.955 ng/ul m

RT: 13.116 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

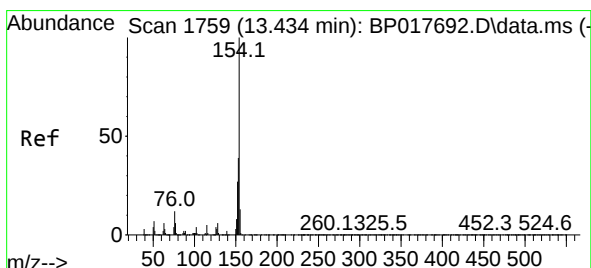
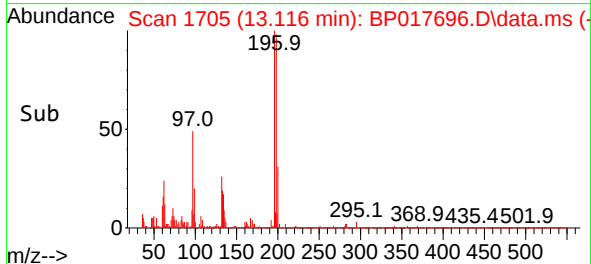
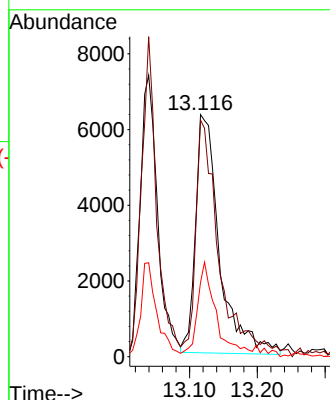
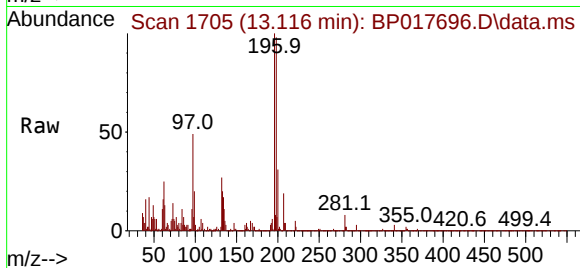
Tgt Ion:	196	Resp:	1558
Ion Ratio	Lower	Upper	
196	100		
198	97.7	73.0	109.4
200	30.7	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#43

1,1'-Biphenyl

Concen: 4.724 ng/ul

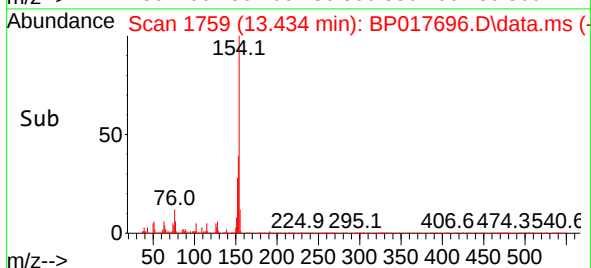
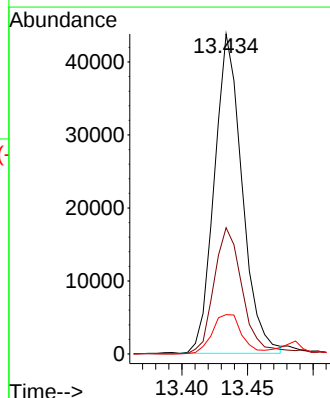
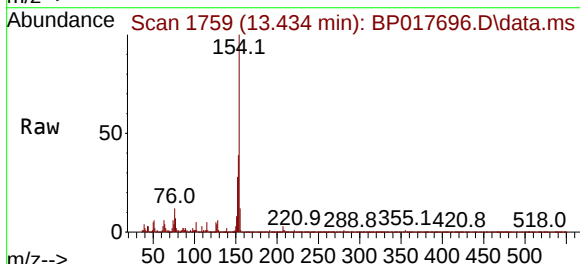
RT: 13.434 min Scan# 1759

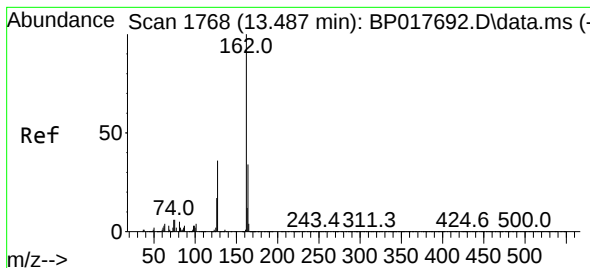
Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Tgt Ion:	154	Resp:	64312
Ion Ratio	Lower	Upper	
154	100		
153	39.5	32.5	48.7
76	12.3	10.4	15.6





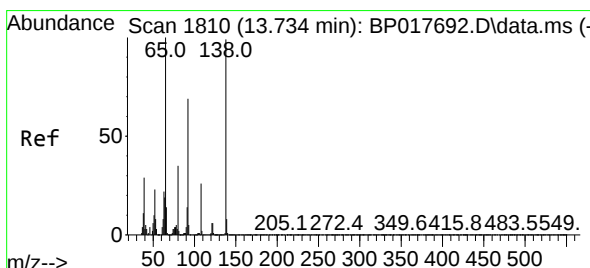
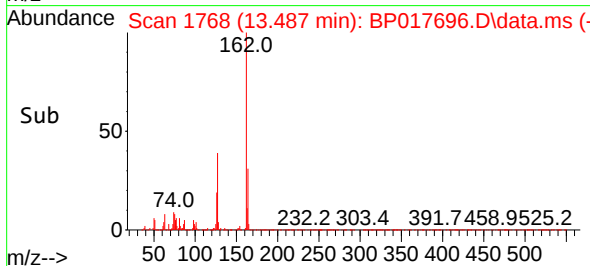
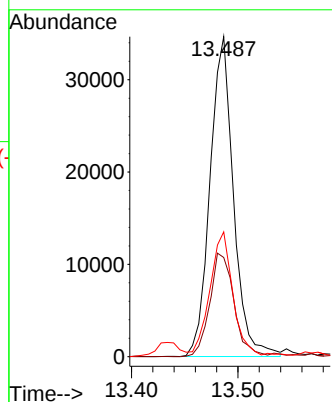
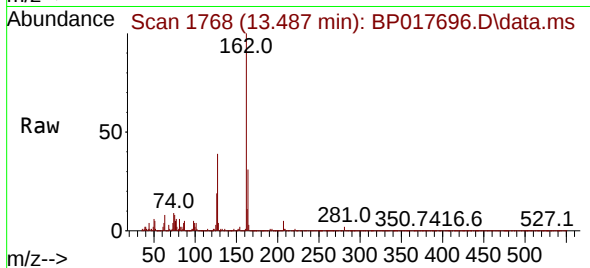
#44
2-Chloronaphthalene
Concen: 4.870 ng/ul
RT: 13.487 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:162 Resp: 5303
Ion Ratio Lower Upper
162 100
164 31.0 26.5 39.7
127 39.0 31.4 47.0

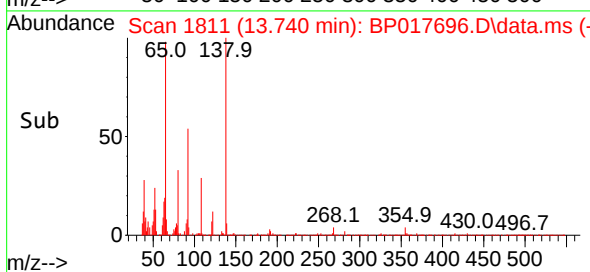
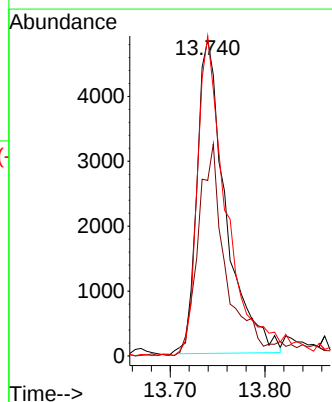
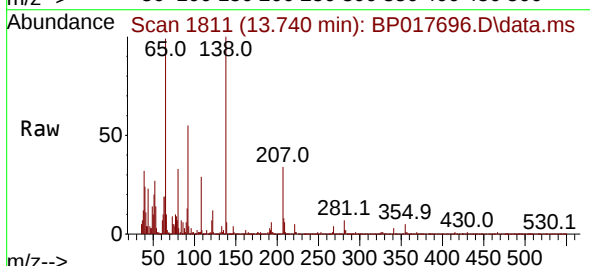
Manual Integrations
APPROVED

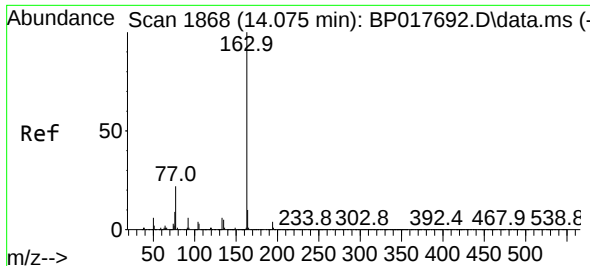
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#45
2-Nitroaniline
Concen: 3.355 ng/ul
RT: 13.740 min Scan# 1811
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion: 65 Resp: 10102
Ion Ratio Lower Upper
65 100
92 55.6 55.3 82.9
138 101.3 82.8 124.2





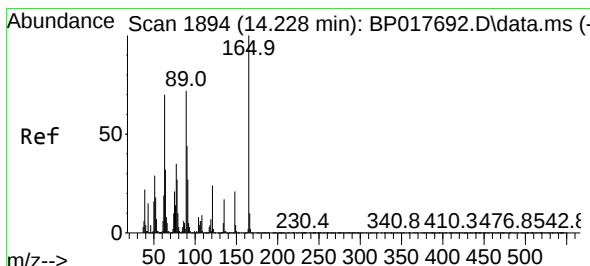
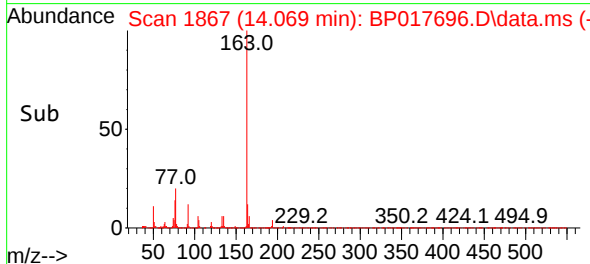
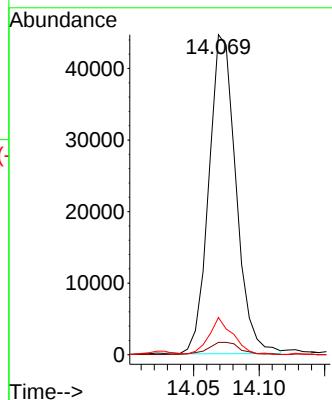
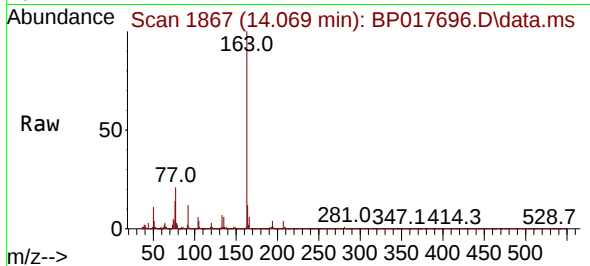
#47
Dimethylphthalate
Concen: 4.510 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:163 Resp: 6407
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 11.6 8.0 12.0

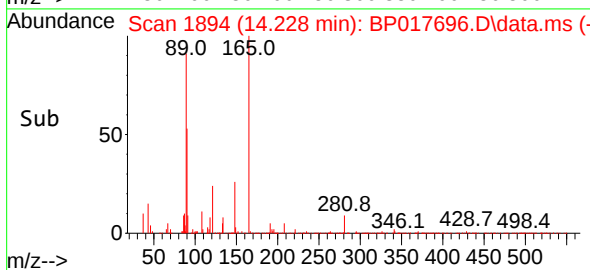
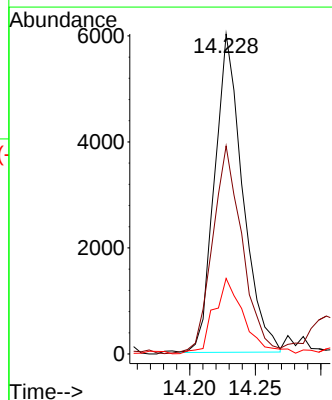
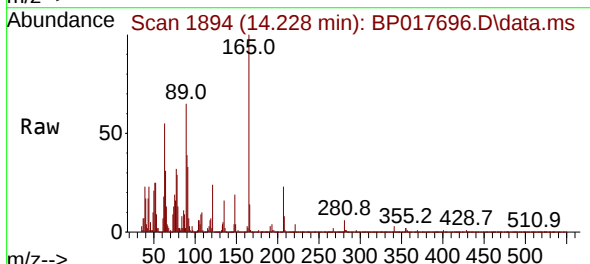
Manual Integrations
APPROVED

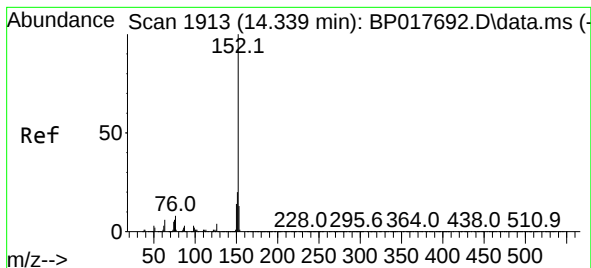
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#48
2,6-Dinitrotoluene
Concen: 3.401 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:165 Resp: 8941
Ion Ratio Lower Upper
165 100
89 65.0 49.0 73.4
121 23.6 16.5 24.7





#50

Acenaphthylene

Concen: 4.623 ng/ul

RT: 14.334 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

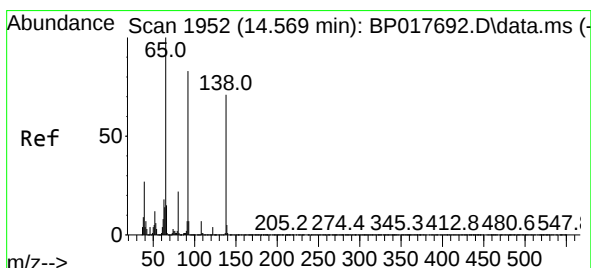
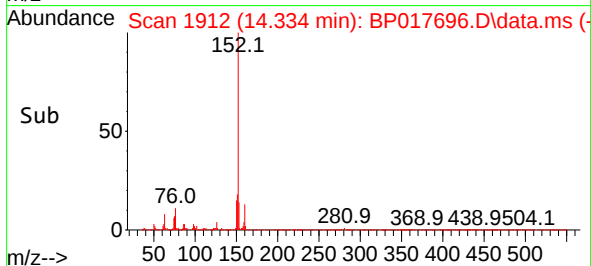
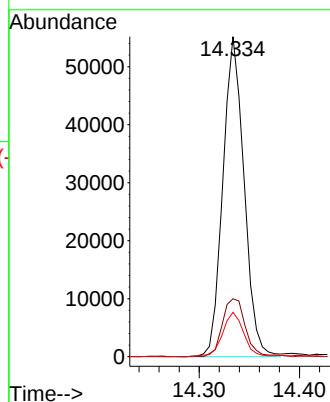
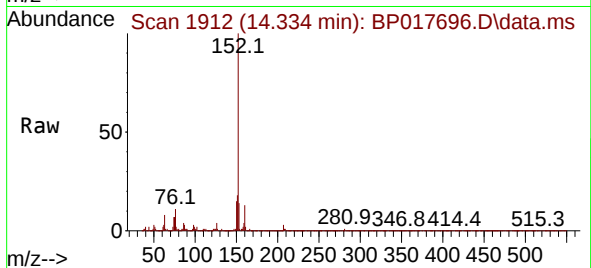
Tgt Ion:	152	Resp:	8101
Ion Ratio	Lower	Upper	
152	100		
151	18.1	15.8	23.8
153	13.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#51

3-Nitroaniline

Concen: 3.570 ng/ul m

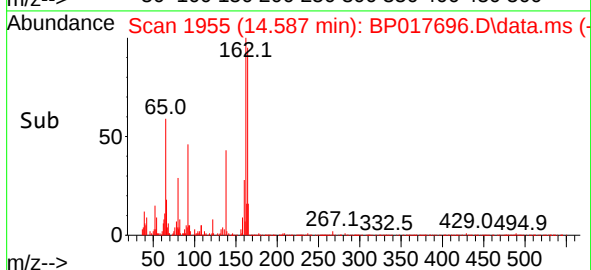
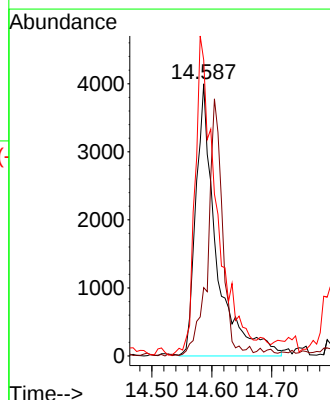
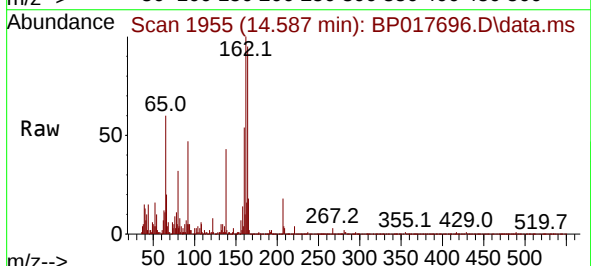
RT: 14.587 min Scan# 1955

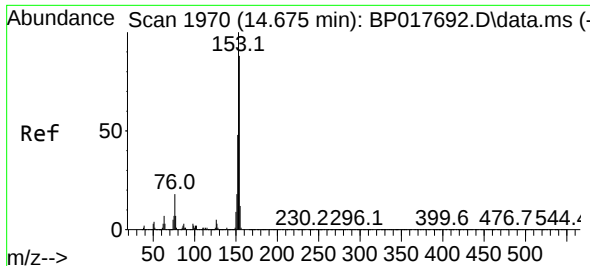
Delta R.T. 0.024 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

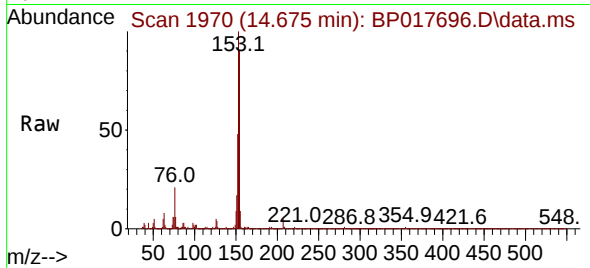
Tgt Ion:	138	Resp:	9467
Ion Ratio	Lower	Upper	
138	100		
108	13.0	8.2	12.2
92	108.7	99.0	148.6





#52
Acenaphthene
Concen: 4.801 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

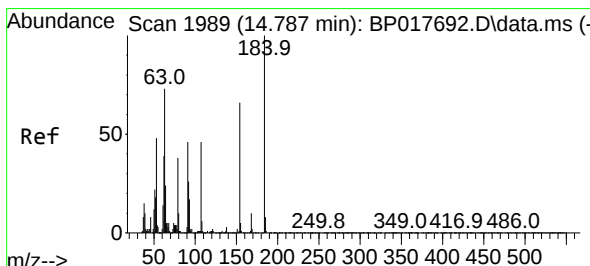
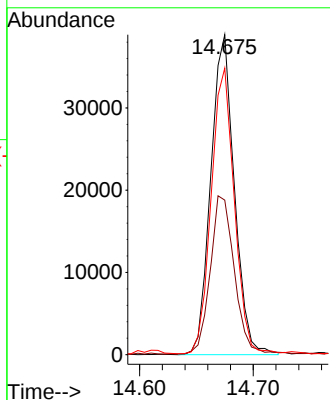
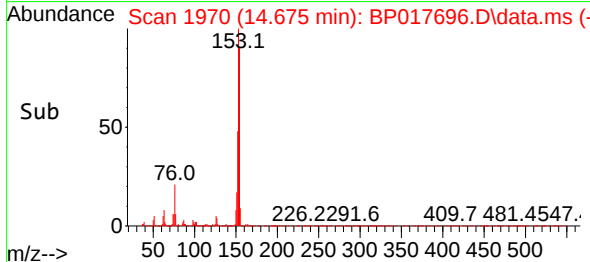
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



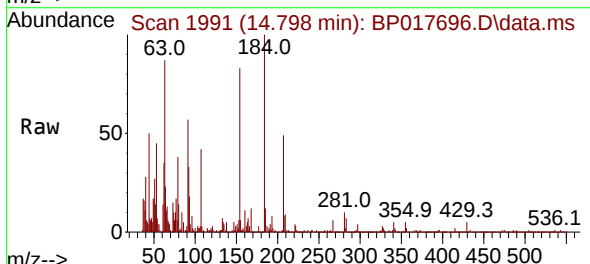
Tgt Ion:153 Resp: 5596
Ion Ratio Lower Upper
153 100
152 48.3 38.9 58.3
154 89.5 71.6 107.4

Manual Integrations
APPROVED

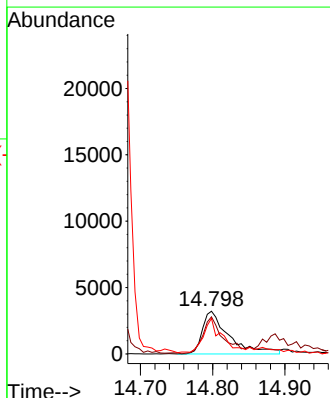
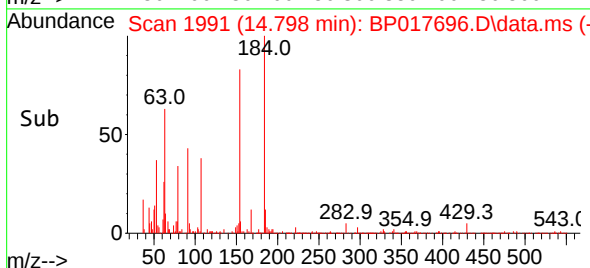
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

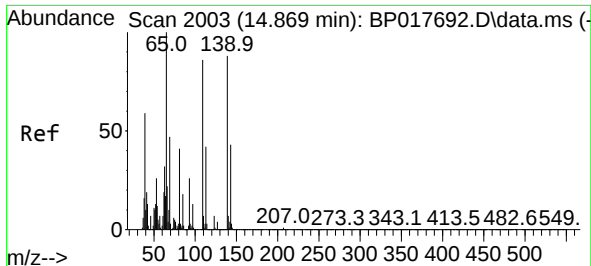


#53
2,4-Dinitrophenol
Concen: 5.076 ng/ul m
RT: 14.798 min Scan# 1991
Delta R.T. 0.024 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38



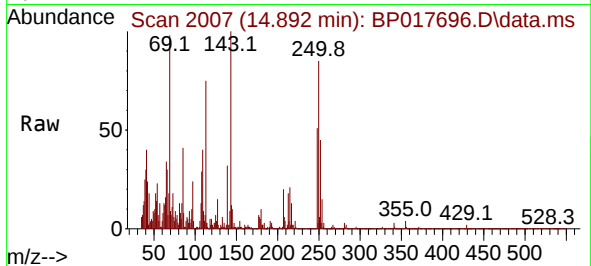
Tgt Ion:184 Resp: 8241
Ion Ratio Lower Upper
184 100
63 87.0 61.4 92.0
154 83.2 54.8 82.2#





#55
4-Nitrophenol
Concen: 4.118 ng/ul m
RT: 14.892 min Scan# 2007
Delta R.T. 0.029 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

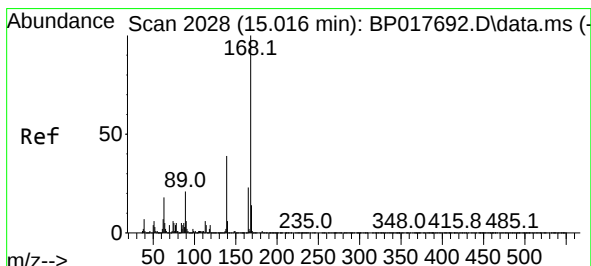
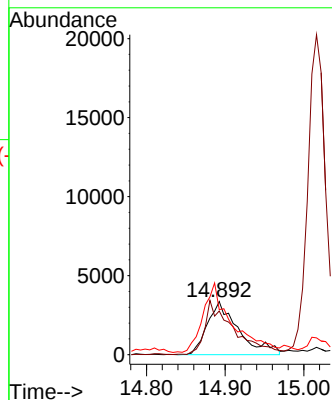
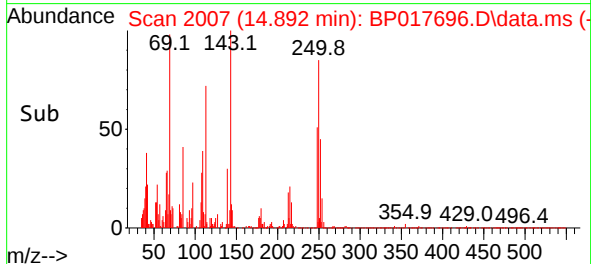
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:109 Resp: 928
Ion Ratio Lower Upper
109 100
139 82.2 90.5 135.7
65 85.0 95.7 143.5

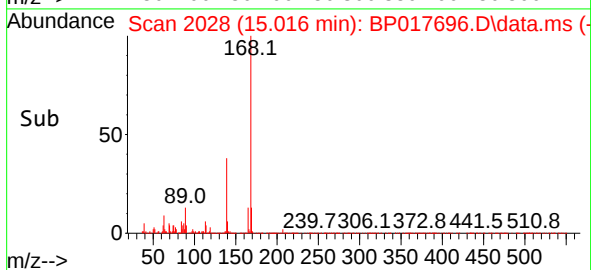
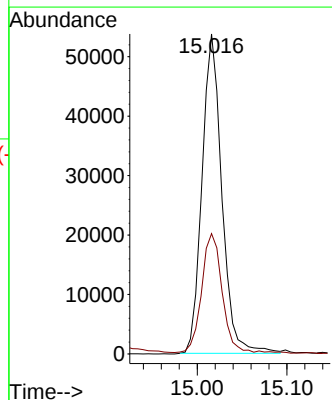
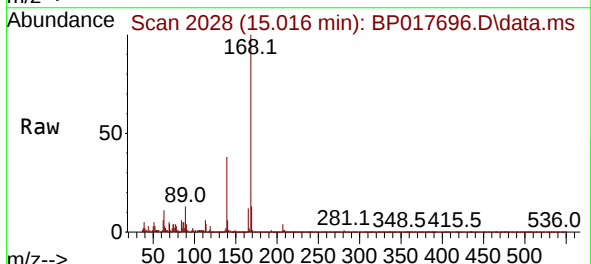
Manual Integrations
APPROVED

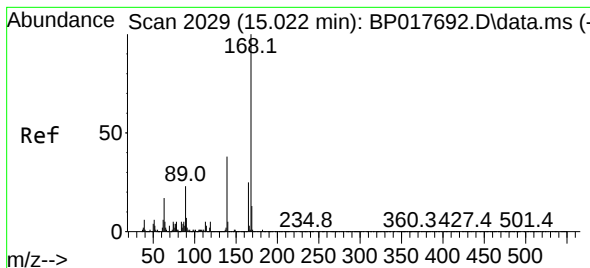
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#56
Dibenzofuran
Concen: 4.928 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:168 Resp: 82395
Ion Ratio Lower Upper
168 100
139 37.6 30.5 45.7





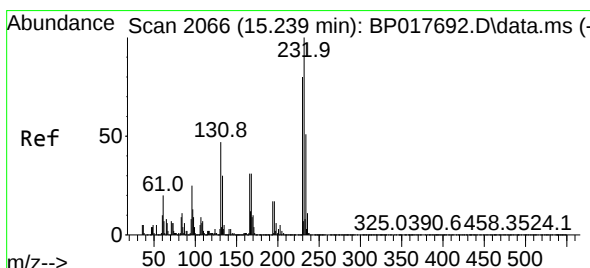
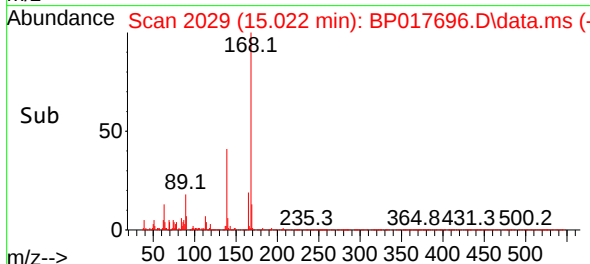
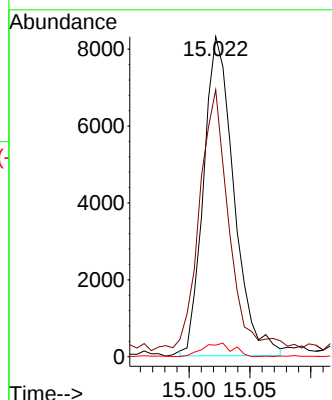
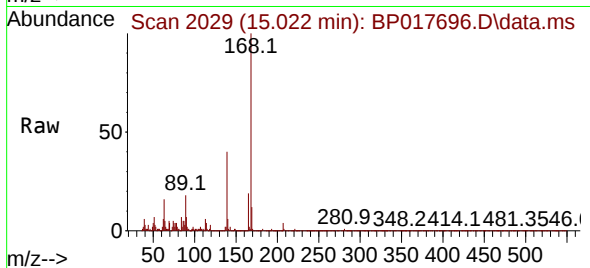
#57
2,4-Dinitrotoluene
Concen: 3.555 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:165 Resp: 14429
Ion Ratio Lower Upper
165 100
63 83.4 52.7 79.1
182 3.6 2.2 3.4

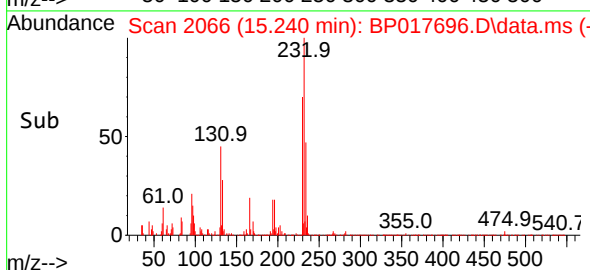
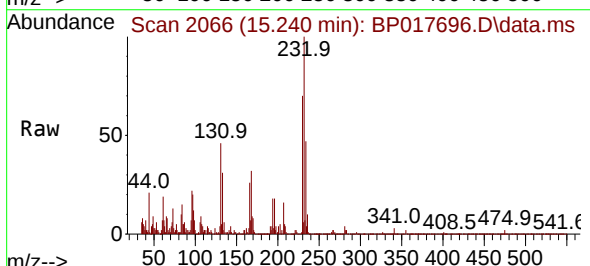
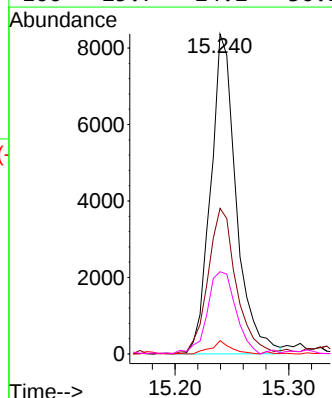
Manual Integrations
APPROVED

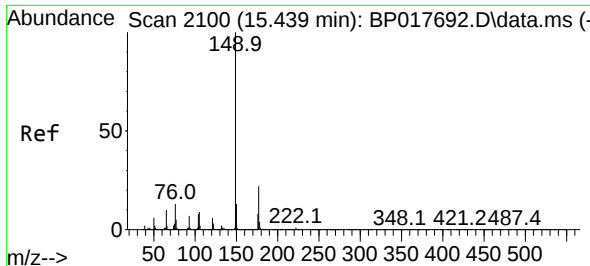
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.596 ng/ul
RT: 15.240 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:232 Resp: 13105
Ion Ratio Lower Upper
232 100
131 45.5 33.6 50.4
130 4.2 2.0 3.0
166 25.7 24.2 36.2





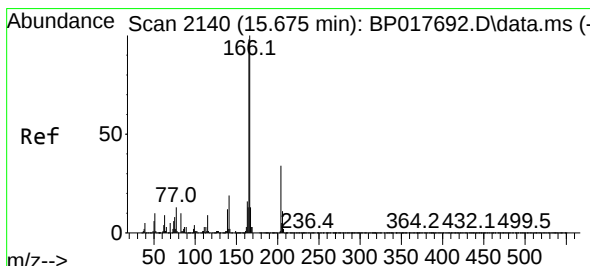
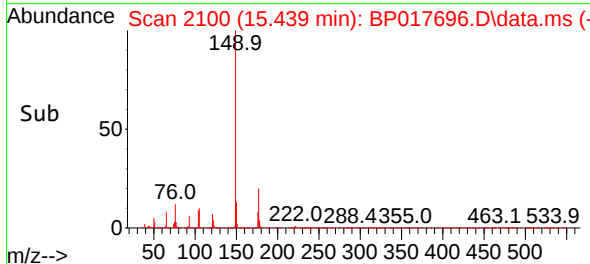
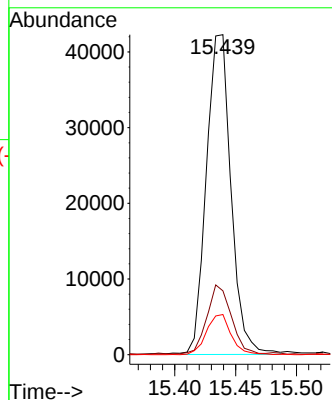
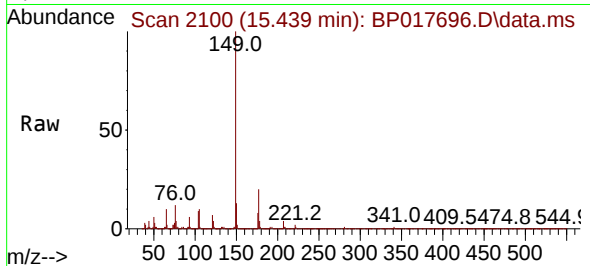
#59
Diethylphthalate
Concen: 4.173 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:149 Resp: 5946
Ion Ratio Lower Upper
149 100
177 20.0 17.9 26.9
150 12.5 10.1 15.1

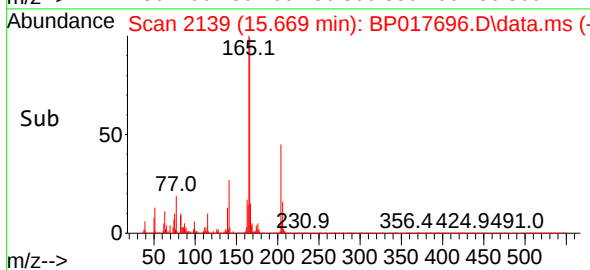
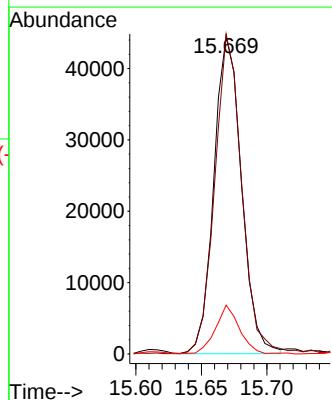
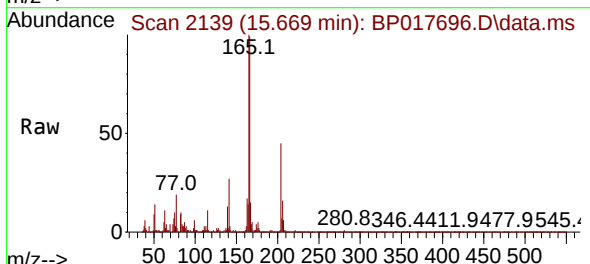
Manual Integrations
APPROVED

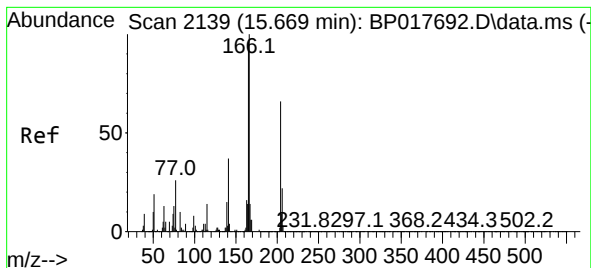
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#61
Fluorene
Concen: 4.709 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:166 Resp: 64919
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 15.4 11.1 16.7





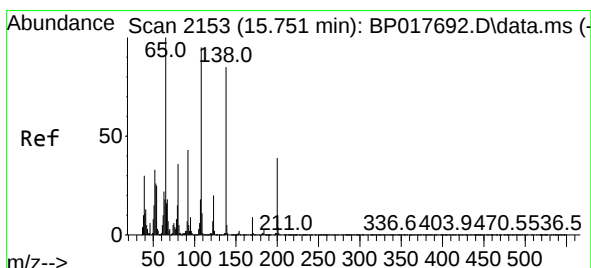
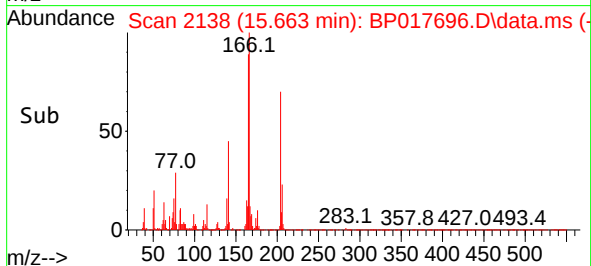
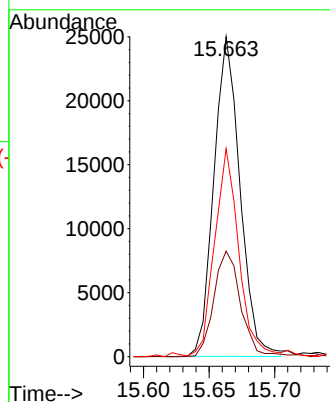
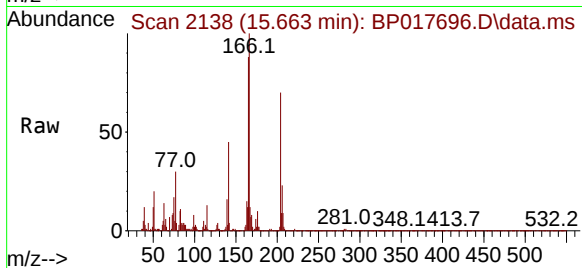
#62
4-Chlorophenyl-phenylether
Concen: 4.717 ng/ul
RT: 15.663 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:204 Resp: 34578
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 65.0 43.9 65.9

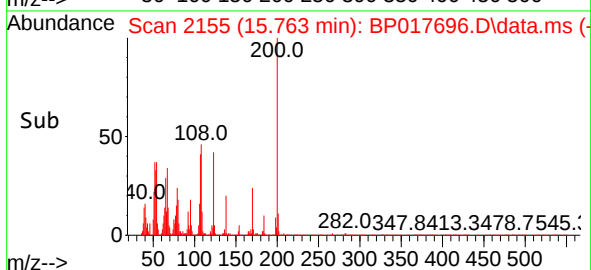
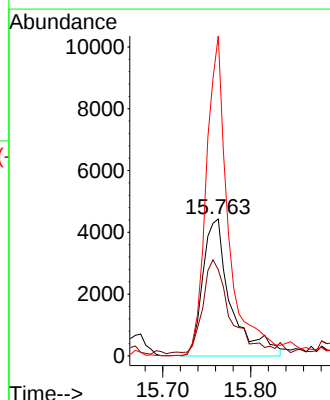
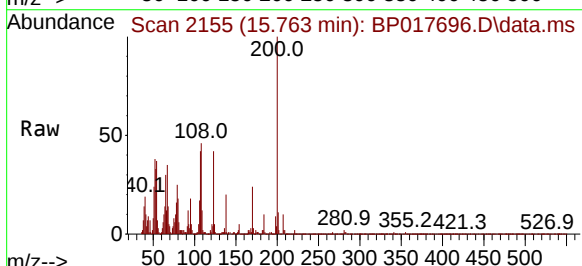
Manual Integrations
APPROVED

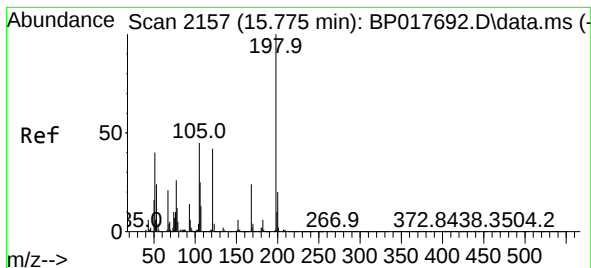
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#63
4-Nitroaniline
Concen: 3.712 ng/ul m
RT: 15.763 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:138 Resp: 9782
Ion Ratio Lower Upper
138 100
92 63.0 43.0 64.6
108 233.7 82.2 123.4#





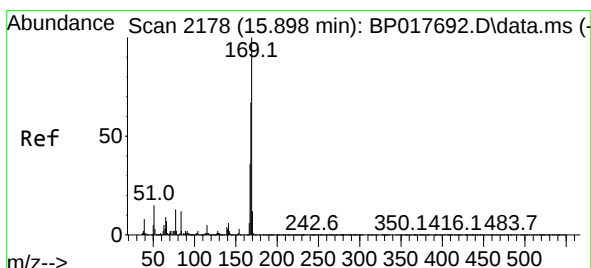
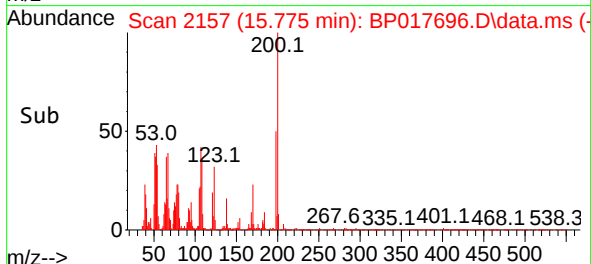
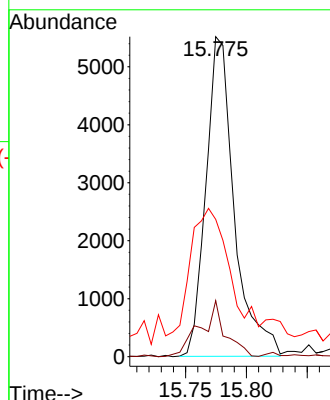
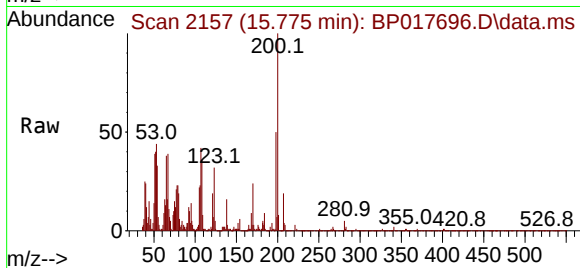
#66
4,6-Dinitro-2-methylphenol
Concen: 3.191 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:198 Resp: 8938
Ion Ratio Lower Upper
198 100
182 17.5 3.4 5.0
77 42.9 23.0 34.6

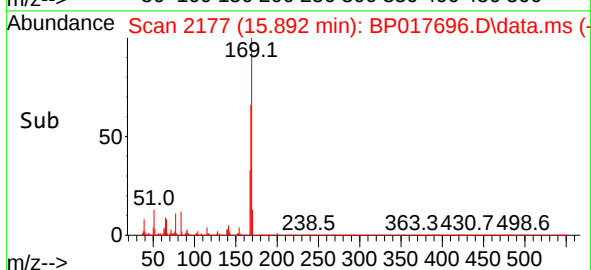
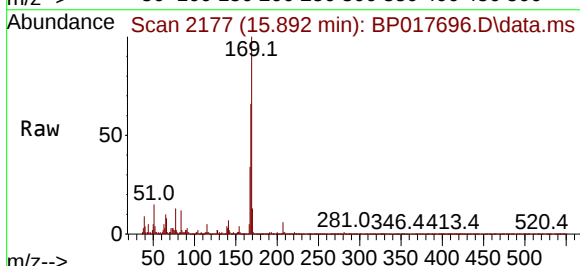
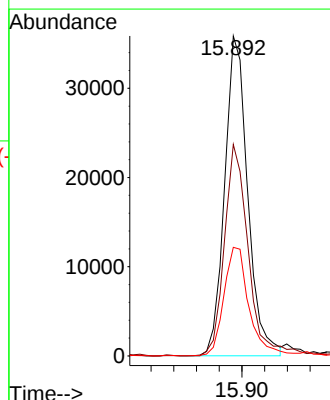
Manual Integrations
APPROVED

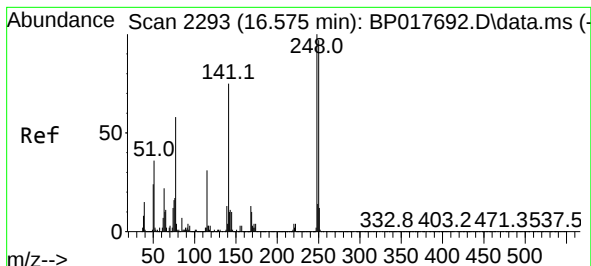
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#67
N-Nitrosodiphenylamine
Concen: 4.473 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:169 Resp: 50573
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 33.9 29.6 44.4





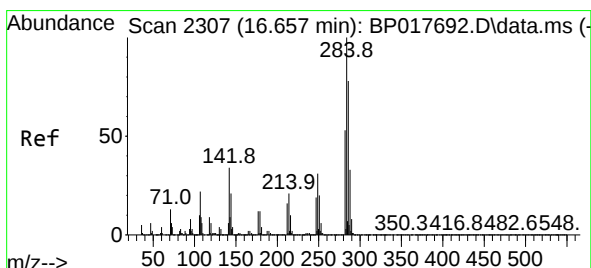
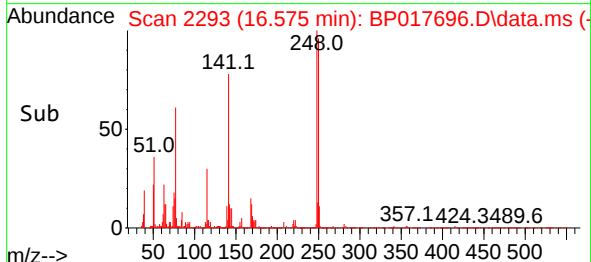
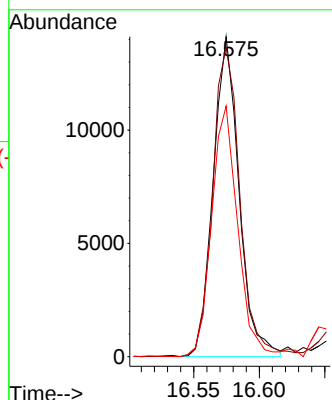
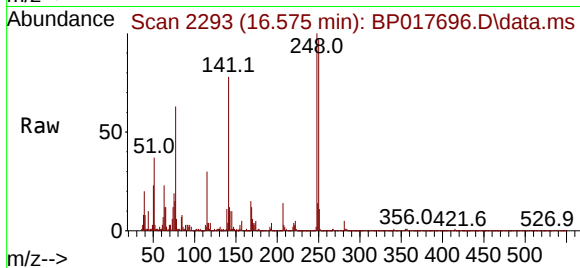
#68
4-Bromophenyl-phenylether
Concen: 4.226 ng/ul
RT: 16.575 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:248 Resp: 1928
Ion Ratio Lower Upper
248 100
250 96.6 75.9 113.9
141 78.3 57.2 85.8

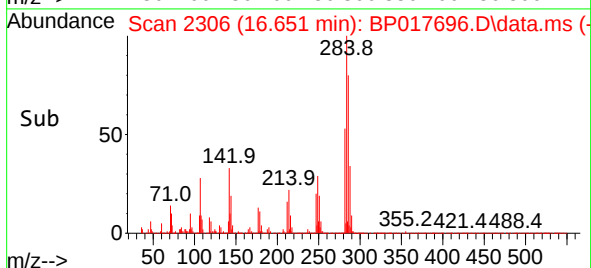
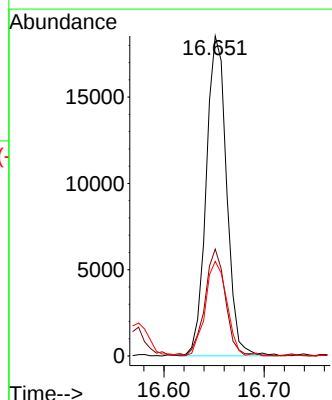
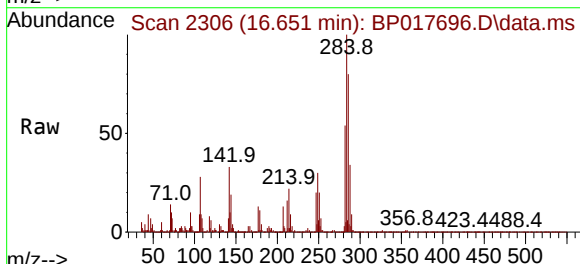
Manual Integrations
APPROVED

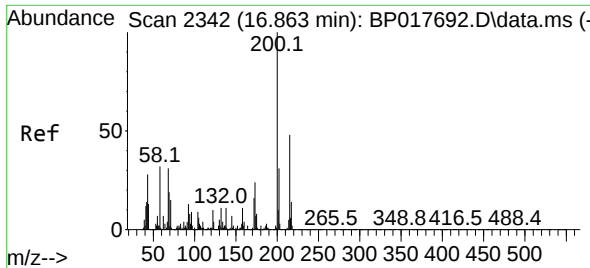
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#69
Hexachlorobenzene
Concen: 4.837 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:284 Resp: 26265
Ion Ratio Lower Upper
284 100
142 33.4 25.8 38.6
249 29.6 24.9 37.3





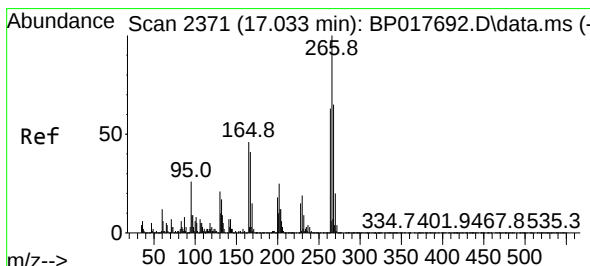
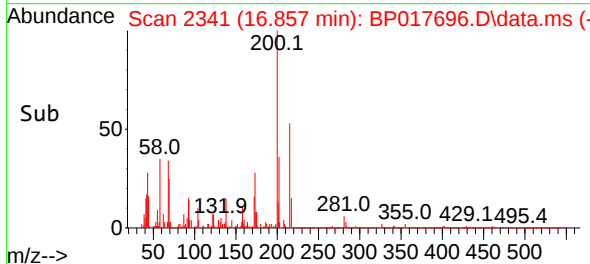
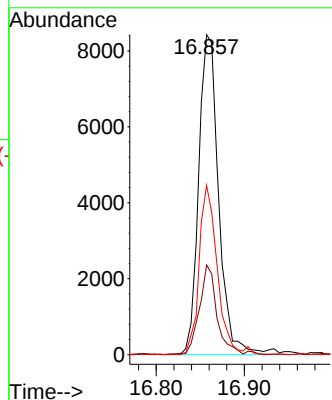
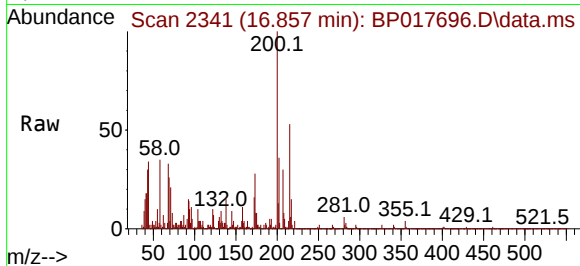
#70
Atrazine
Concen: 3.041 ng/ul m
RT: 16.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:200 Resp: 1330
Ion Ratio Lower Upper
200 100
173 28.0 19.9 29.9
215 52.9 37.8 56.6

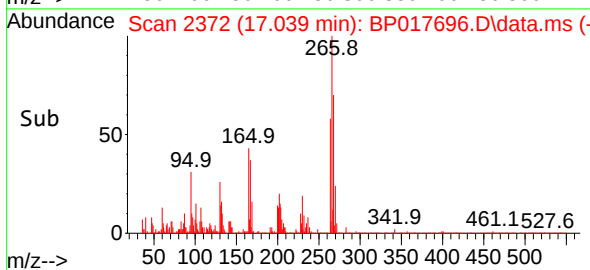
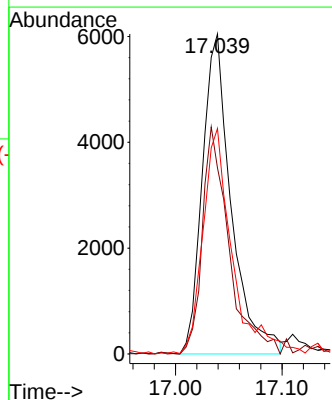
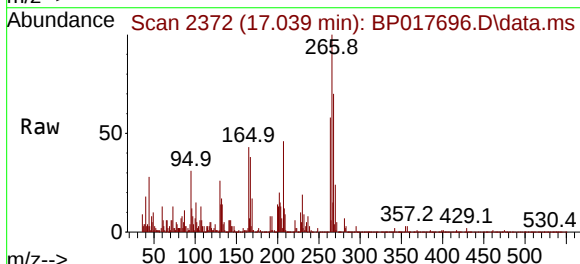
Manual Integrations
APPROVED

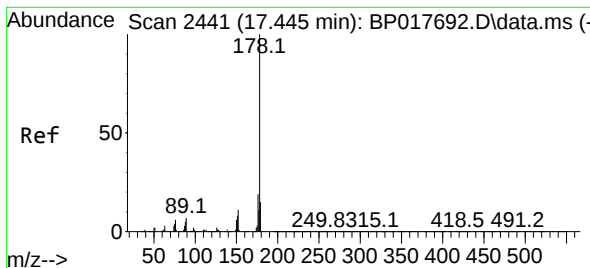
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#71
Pentachlorophenol
Concen: 3.471 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:266 Resp: 11412
Ion Ratio Lower Upper
266 100
264 64.3 49.2 73.8
268 74.5 51.8 77.6





#72

Phenanthrene

Concen: 4.714 ng/ul

RT: 17.445 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

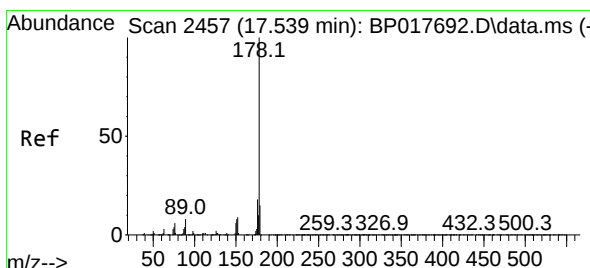
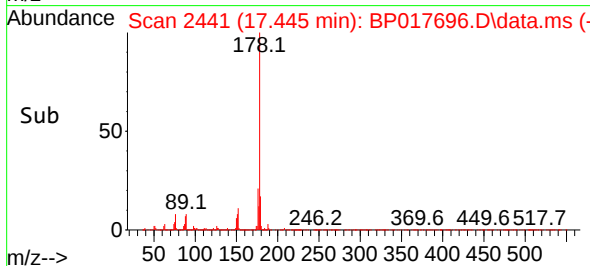
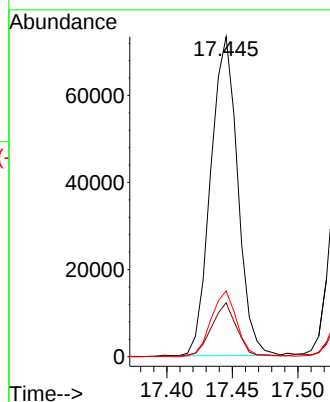
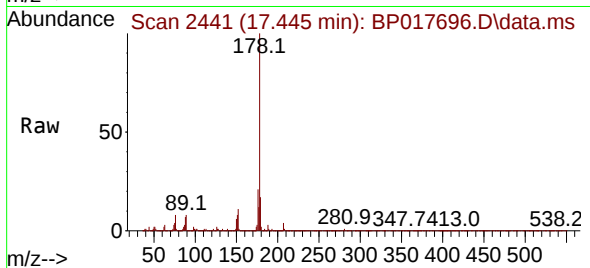
Tgt Ion:178 Resp: 104927
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.1 18.1
 176 20.6 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#74

Anthracene

Concen: 4.724 ng/ul

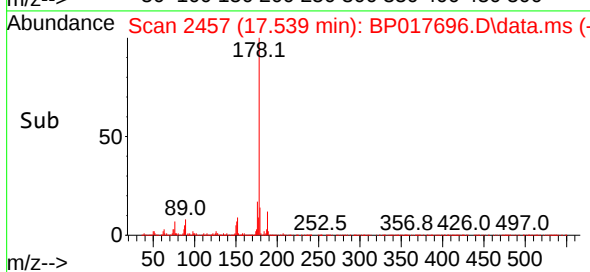
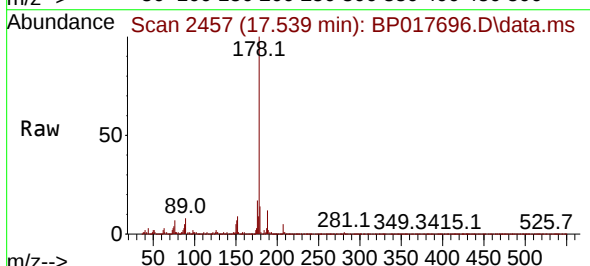
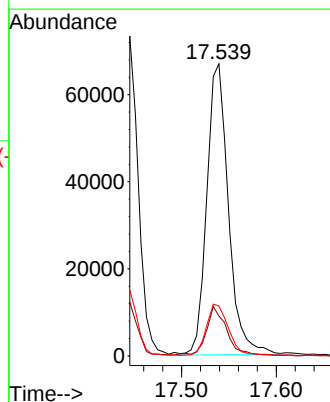
RT: 17.539 min Scan# 2457

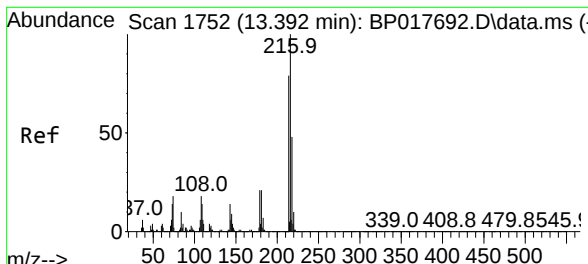
Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Tgt Ion:178 Resp: 106371
 Ion Ratio Lower Upper
 178 100
 179 13.7 12.3 18.5
 176 17.2 14.6 22.0





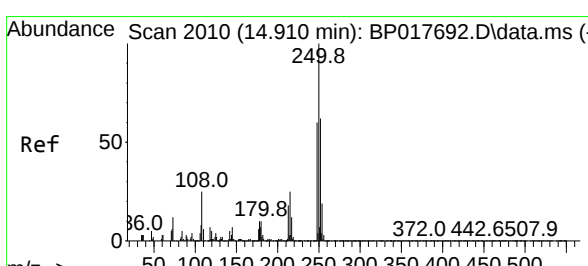
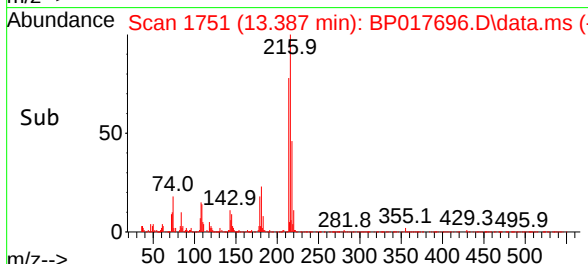
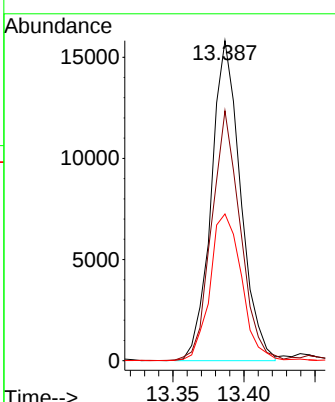
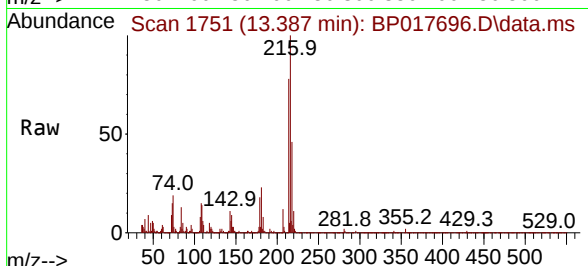
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.801 ng/uL
 RT: 13.387 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP017696.D
 Acq: 17 Oct 2023 13:38

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

Tgt Ion:	216	Resp:	2269
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.9	94.3
218	49.5	38.6	58.0

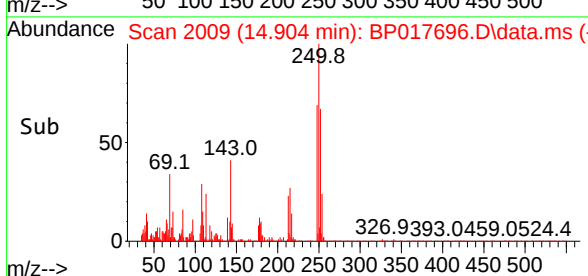
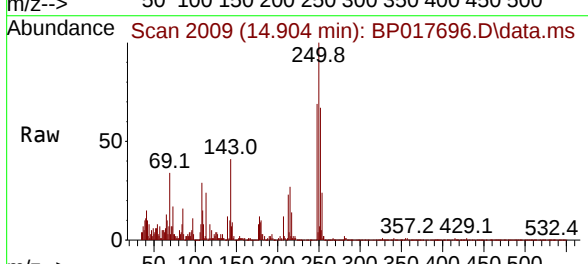
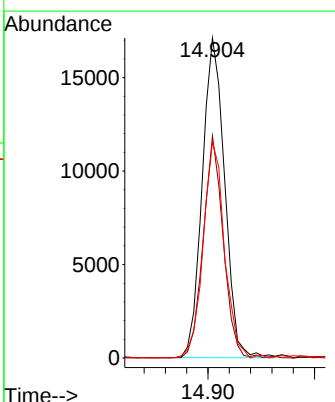
Manual Integrations
 APPROVED

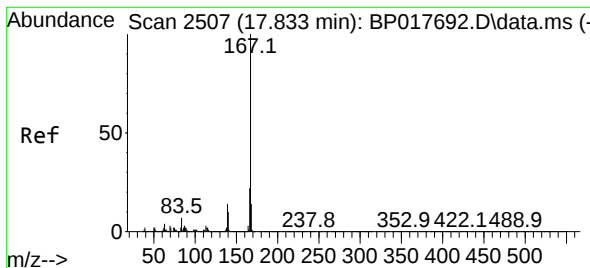
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023



#76
 Pentachlorobenzene
 Concen: 4.073 ng/uL
 RT: 14.904 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: BP017696.D
 Acq: 17 Oct 2023 13:38

Tgt Ion:	250	Resp:	24954
Ion Ratio	Lower	Upper	
250	100		
248	69.4	50.8	76.2
252	67.5	49.9	74.9





#77

Carbazole

Concen: 3.950 ng/ul

RT: 17.833 min Scan# 2507

Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

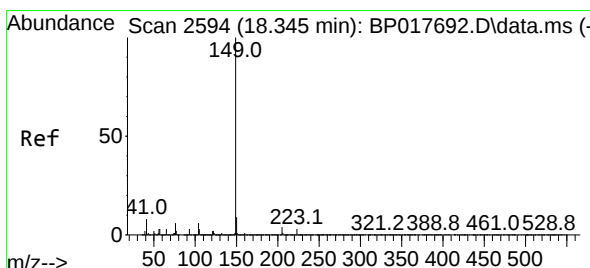
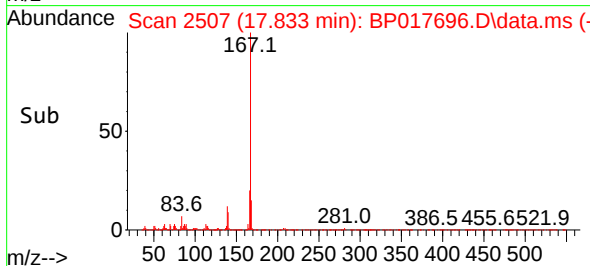
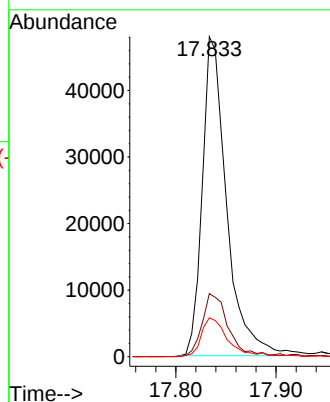
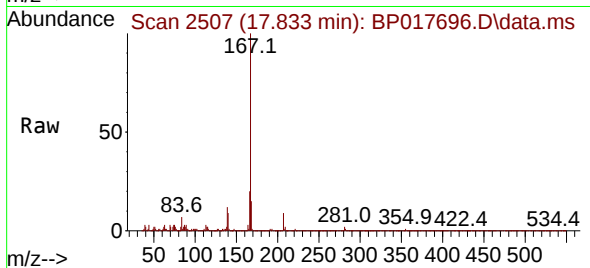
Tgt Ion:167	Resp: 80530
Ion Ratio	Lower Upper
167 100	
166 19.7	17.0 25.6
139 12.2	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#78

Di-n-butylphthalate

Concen: 3.274 ng/ul

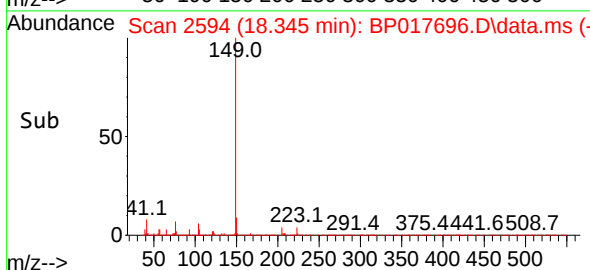
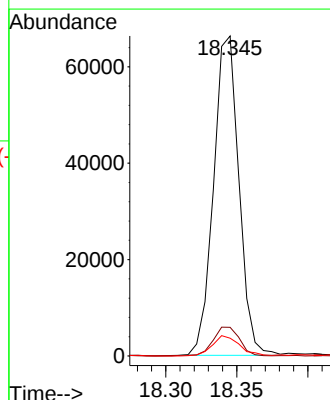
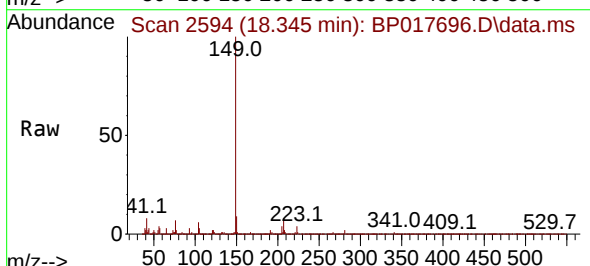
RT: 18.345 min Scan# 2594

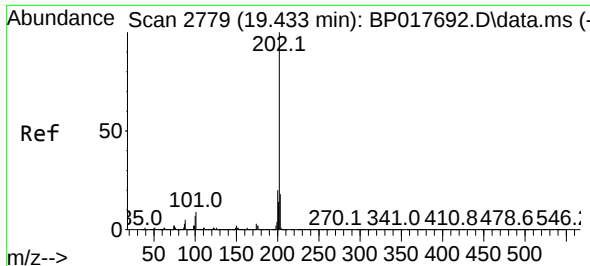
Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Tgt Ion:149	Resp: 82202
Ion Ratio	Lower Upper
149 100	
150 9.0	7.4 11.0
104 5.6	4.6 6.8





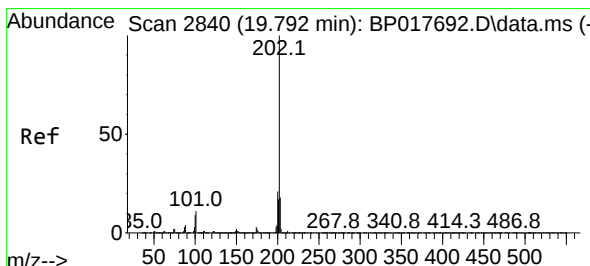
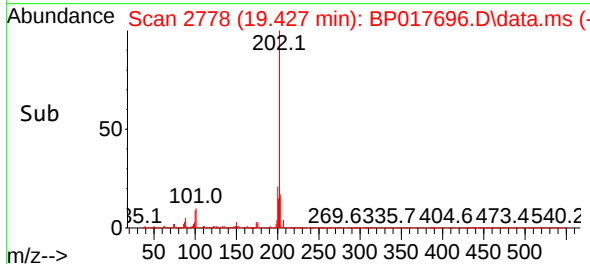
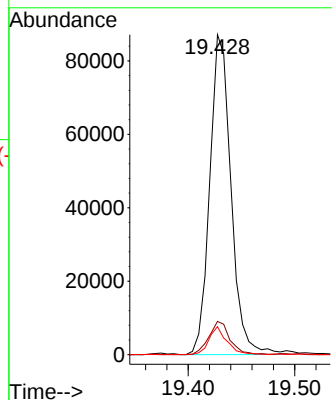
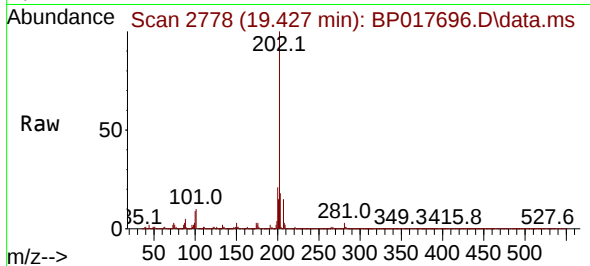
#80
Fluoranthene
Concen: 4.228 ng/ul
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:202 Resp: 120814
Ion Ratio Lower Upper
202 100
101 10.4 7.0 10.6
100 8.7 5.8 8.6

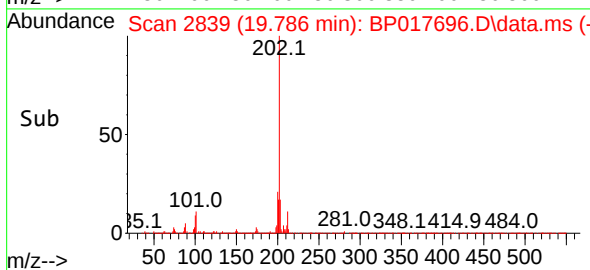
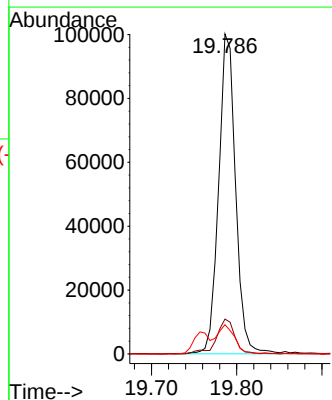
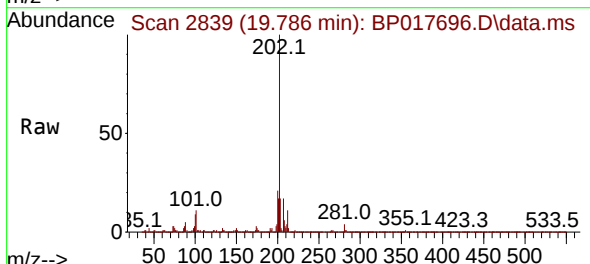
Manual Integrations
APPROVED

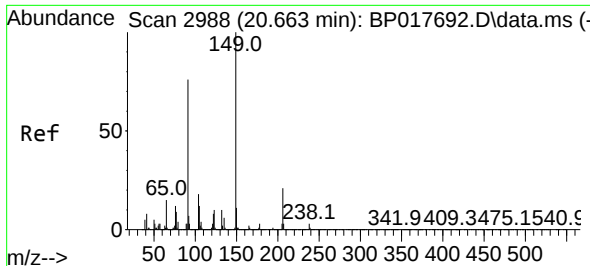
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#82
Pyrene
Concen: 4.644 ng/ul
RT: 19.786 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:202 Resp: 138644
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 9.1 7.4 11.0





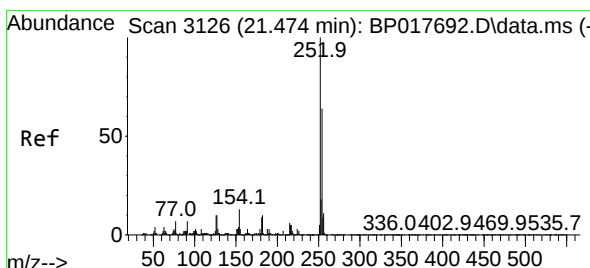
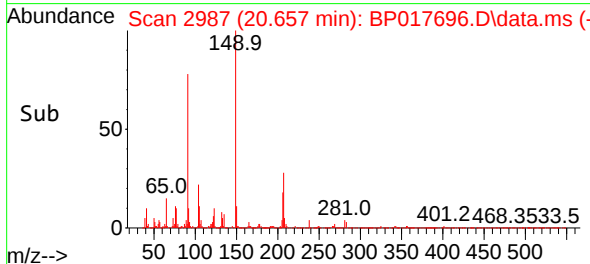
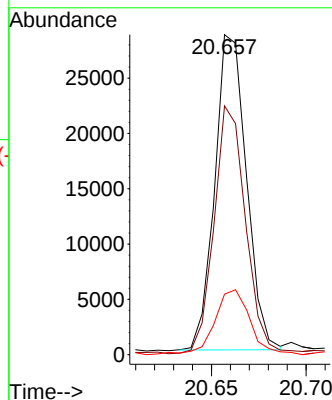
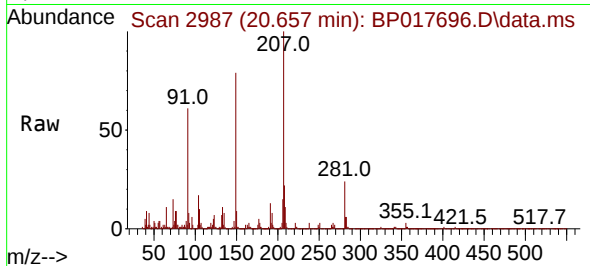
#83
Butylbenzylphthalate
Concen: 2.849 ng/ul
RT: 20.657 min Scan# 2988
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:	149	Resp:	3308
Ion Ratio	Lower	Upper	
149	100		
91	77.8	59.6	89.4
206	18.9	17.2	25.8

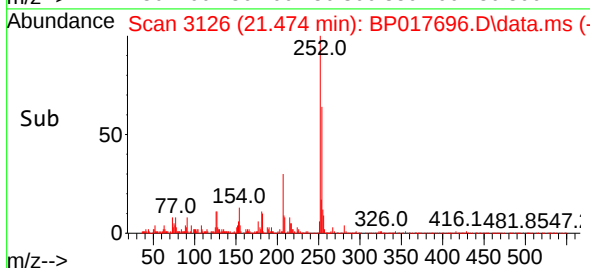
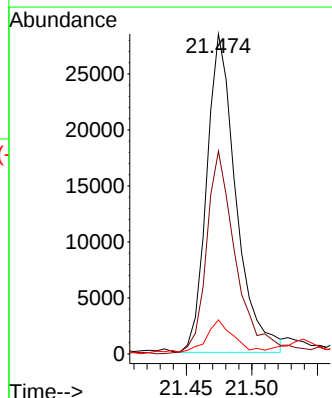
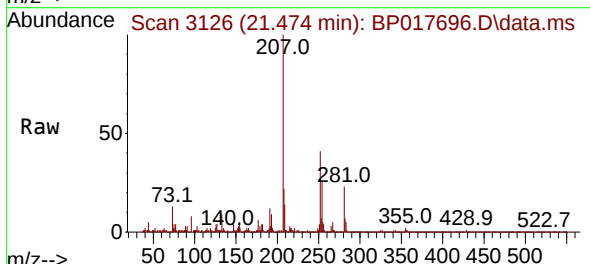
Manual Integrations
APPROVED

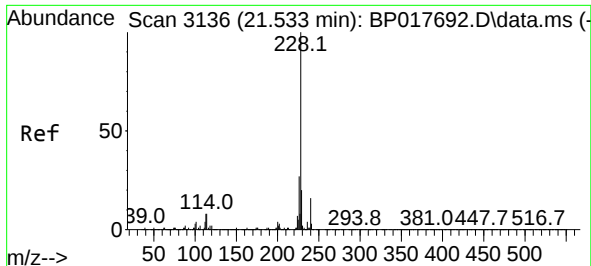
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#84
3,3'-Dichlorobenzidine
Concen: 4.148 ng/ul
RT: 21.474 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

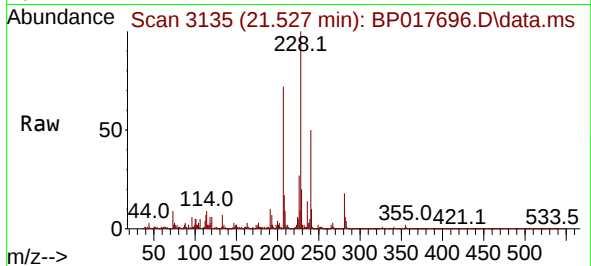
Tgt Ion:	252	Resp:	44140
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.8	77.6
126	10.7	8.1	12.1





#85
Benzo(a)anthracene
Concen: 4.371 ng/ul
RT: 21.527 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

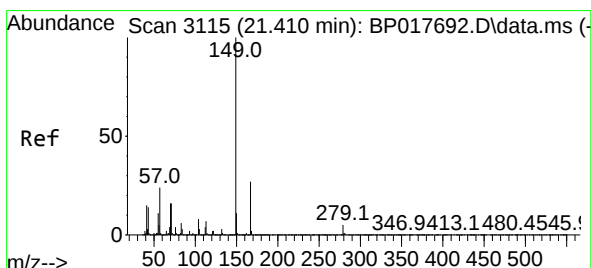
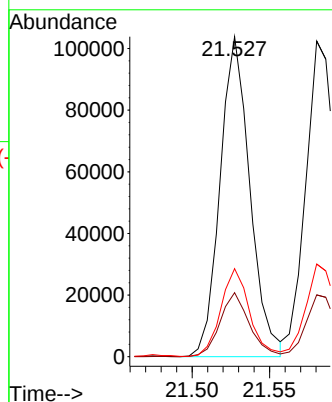
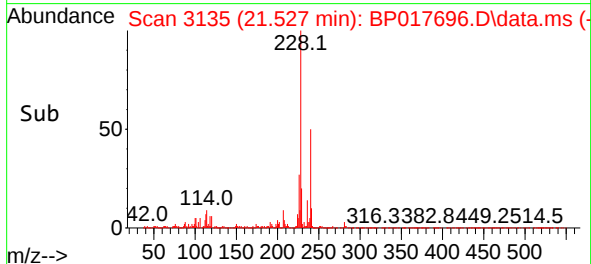
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



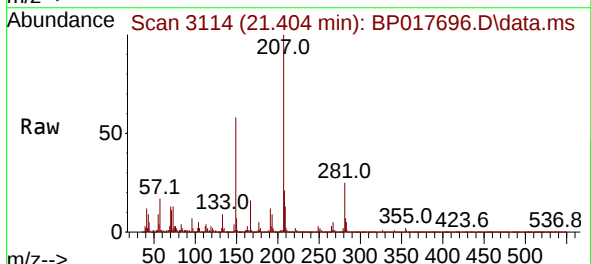
Tgt Ion:228 Resp: 139234
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.5 21.4 32.0

Manual Integrations
APPROVED

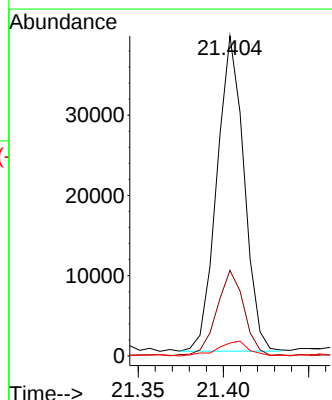
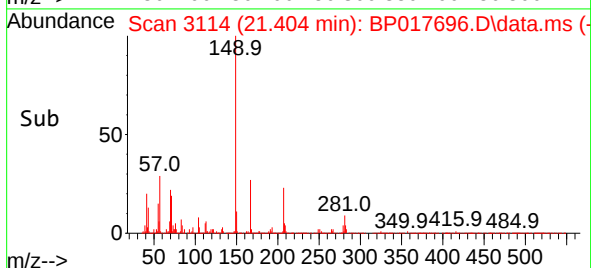
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

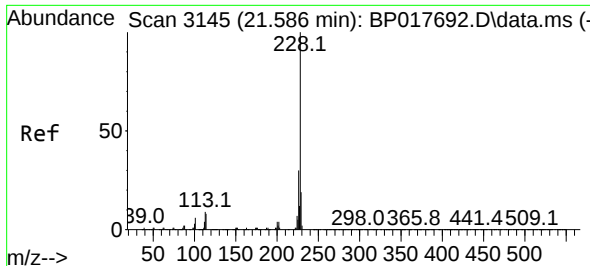


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.480 ng/ul
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38



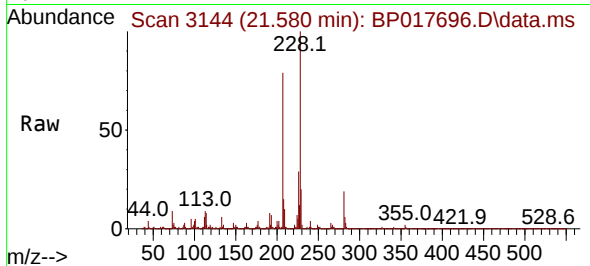
Tgt Ion:149 Resp: 43545
Ion Ratio Lower Upper
149 100
167 26.8 21.7 32.5
279 4.1 3.7 5.5





#87
Chrysene
Concen: 4.902 ng/ul
RT: 21.580 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

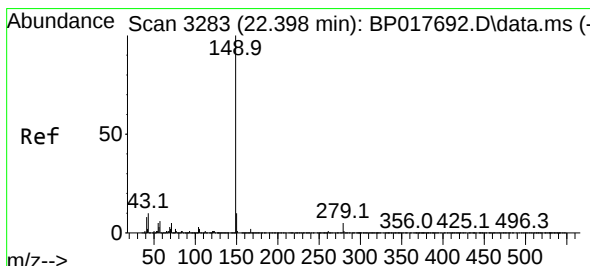
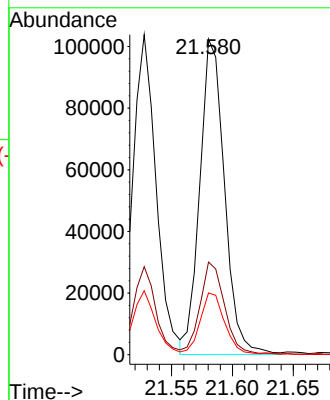
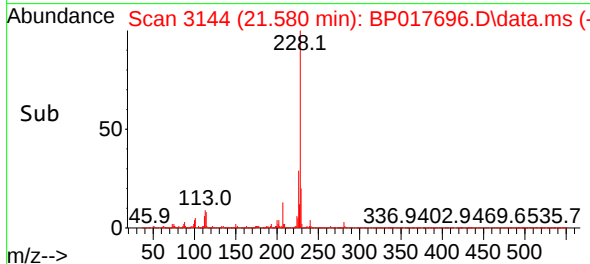
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:228 Resp: 144120
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 19.6 16.1 24.1

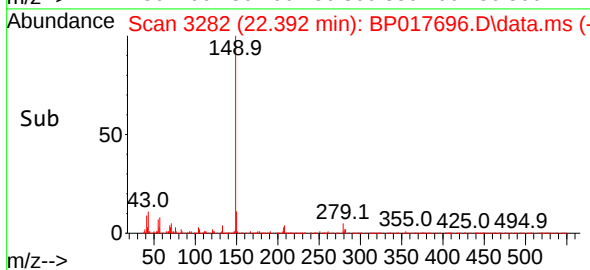
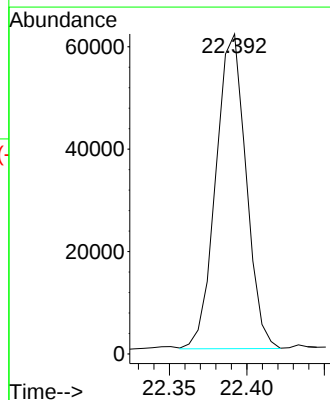
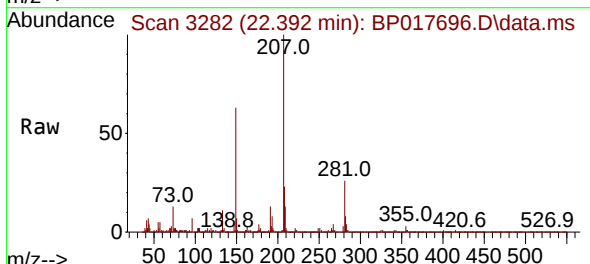
Manual Integrations
APPROVED

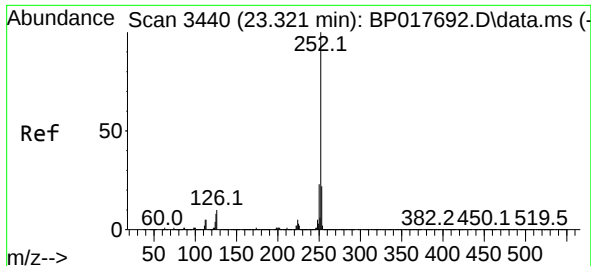
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#89
Di-n-octyl phthalate
Concen: 2.708 ng/ul
RT: 22.392 min Scan# 3282
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

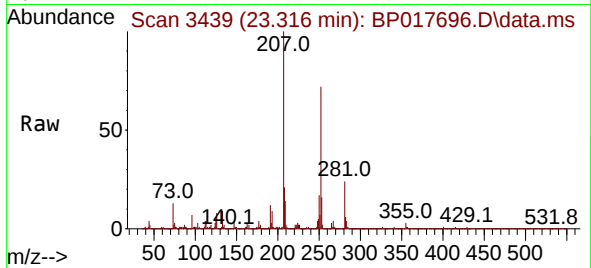
Tgt Ion:149 Resp: 83341





#90
Benzo(b)fluoranthene
Concen: 4.467 ng/ul
RT: 23.316 min Scan# 3439
Delta R.T. 0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

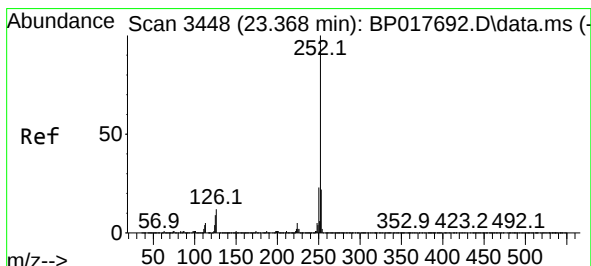
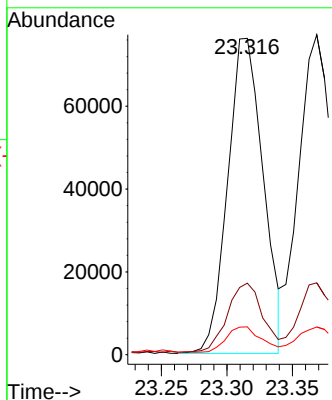
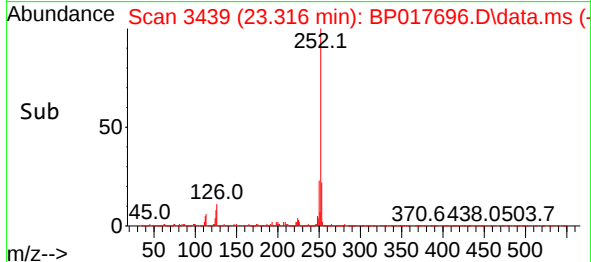
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 143394
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.8 6.9 10.3

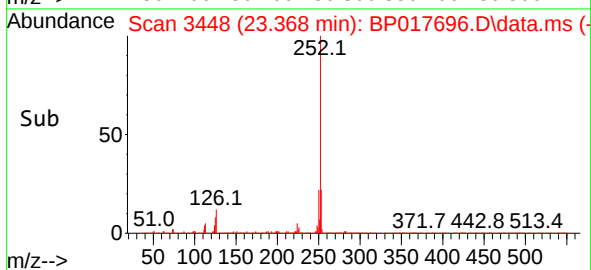
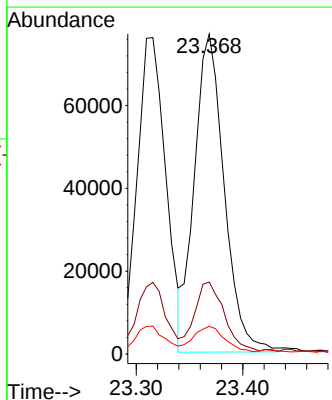
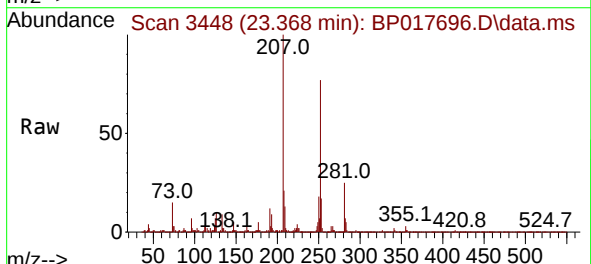
Manual Integrations
APPROVED

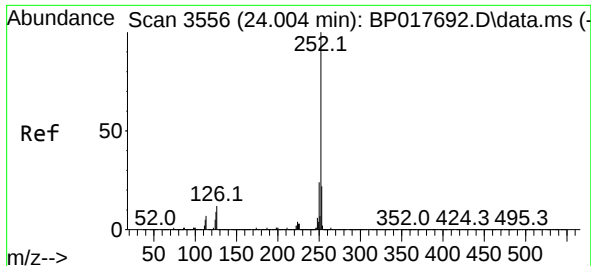
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.693 ng/ul
RT: 23.368 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:252 Resp: 149871
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.7 6.3 9.5





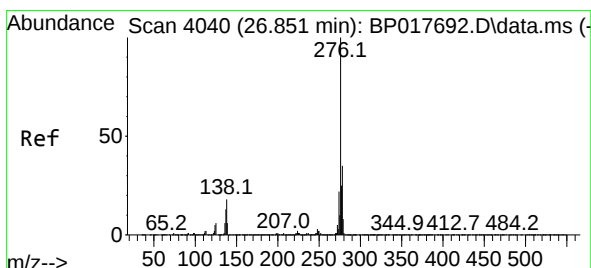
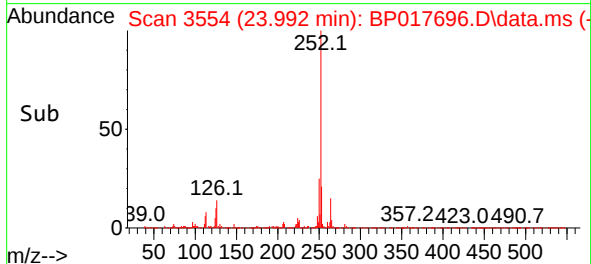
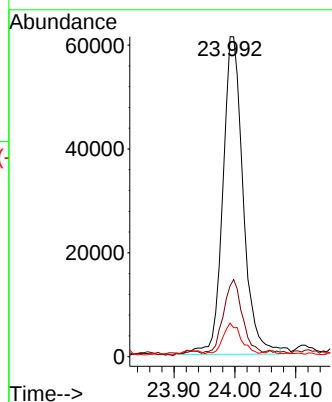
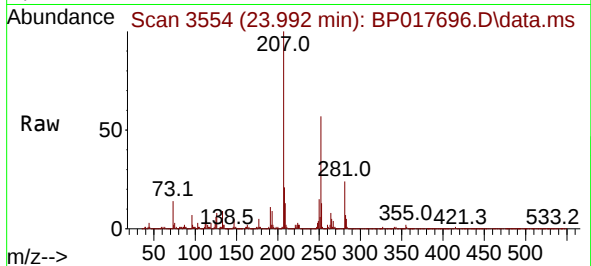
#93
Benzo(a)pyrene
Concen: 4.747 ng/ul
RT: 23.992 min Scan# 3556
Delta R.T. -0.006 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

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

Tgt Ion:252 Resp: 141890
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 7.3 10.9

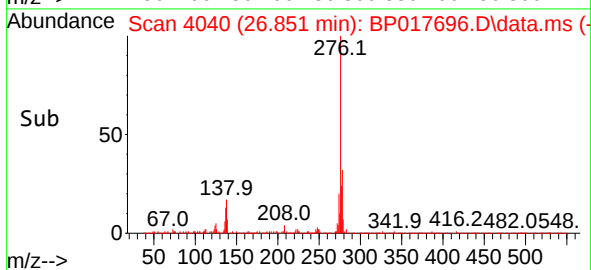
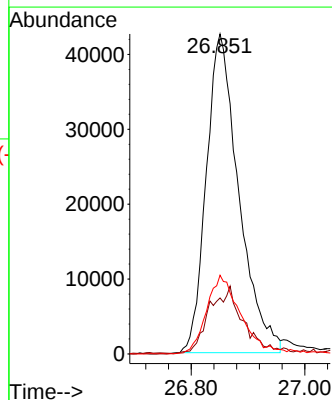
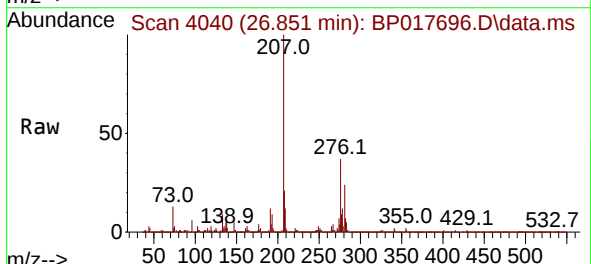
Manual Integrations
APPROVED

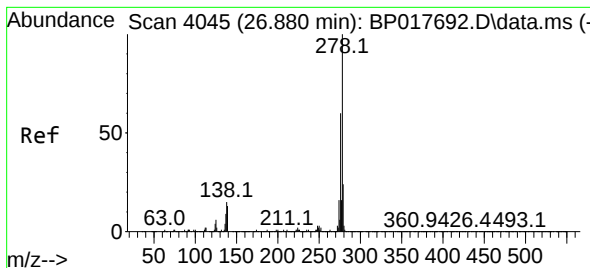
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.608 ng/ul
RT: 26.851 min Scan# 4040
Delta R.T. 0.012 min
Lab File: BP017696.D
Acq: 17 Oct 2023 13:38

Tgt Ion:276 Resp: 168915
Ion Ratio Lower Upper
276 100
138 17.5 14.6 21.8
277 24.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.590 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. 0.012 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Instrument :

BNP

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

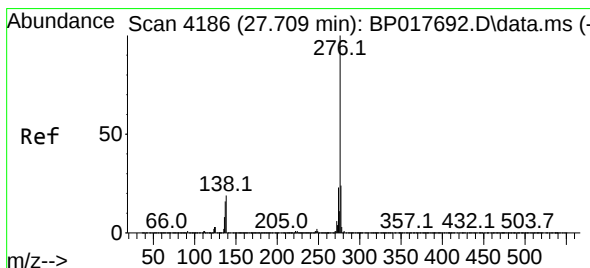
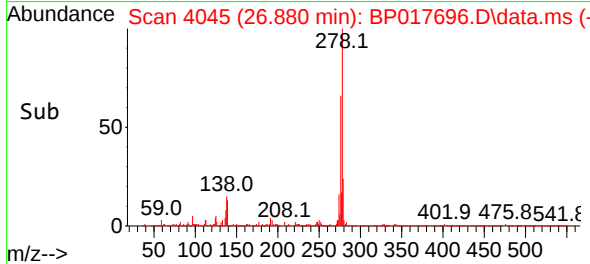
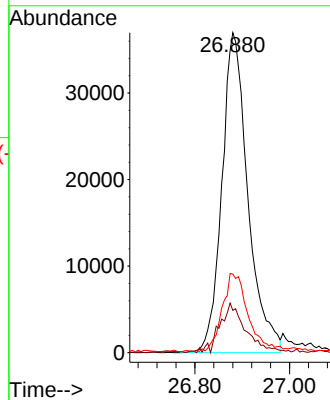
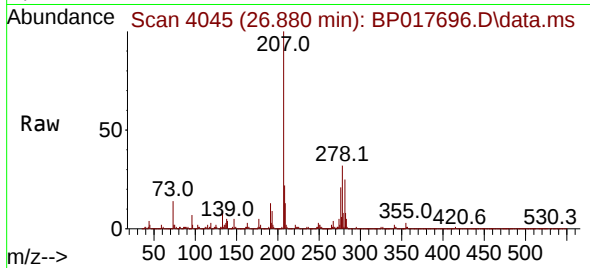
Tgt Ion:	278	Resp:	141038
Ion Ratio	Lower	Upper	
278	100		
139	13.2	10.8	16.2
279	24.6	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#96

Benzo(g,h,i)perylene

Concen: 4.843 ng/ul

RT: 27.704 min Scan# 4185

Delta R.T. 0.006 min

Lab File: BP017696.D

Acq: 17 Oct 2023 13:38

Tgt Ion:	276	Resp:	141189
Ion Ratio	Lower	Upper	
276	100		
138	16.2	14.1	21.1
277	23.6	18.7	28.1

