

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
 Data File : BP007980.D
 Acq On : 15 Nov 2021 11:26
 Operator : CG/JU
 Sample : M4068-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 15 11:51:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 11:51:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	132853	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	485300	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	365438	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	832793	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	1012128	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1101601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1023280	124.949	ng	0.00
7) Phenol-d6	7.016	99	1373628	126.079	ng	0.00
23) Nitrobenzene-d5	8.998	82	806566	88.939	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	837313	145.627	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2140014	82.144	ng	0.00
79) Terphenyl-d14	19.804	244	3653129	73.187	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	13640	3.958	ng	96
3) Pyridine	3.746	79	30875m	3.123	ng	
4) n-Nitrosodimethylamine	3.646	42	15565	4.262	ng	# 97
6) Aniline	7.169	93	56639	4.604	ng	99
8) 2-Chlorophenol	7.404	128	37415	4.321	ng	97
9) Benzaldehyde	6.981	77	32717	4.656	ng	95
10) Phenol	7.040	94	43561	4.121	ng	85
11) bis(2-Chloroethyl)ether	7.263	93	34957	4.024	ng	94
12) 1,3-Dichlorobenzene	7.728	146	41947	4.308	ng	97
13) 1,4-Dichlorobenzene	7.875	146	43666	4.411	ng	98
14) 1,2-Dichlorobenzene	8.193	146	41212	4.123	ng	97
15) Benzyl Alcohol	8.081	79	32153	3.902	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	41754	3.977	ng	93
17) 2-Methylphenol	8.287	107	29570	4.062	ng	96
18) Hexachloroethane	8.916	117	13700	4.081	ng	90
19) n-Nitroso-di-n-propyla...	8.645	70	27075	3.992	ng	96
20) 3+4-Methylphenols	8.616	107	38112	3.778	ng	97
22) Acetophenone	8.663	105	52112	4.222	ng	# 98
24) Nitrobenzene	9.040	77	43176	4.982	ng	99
25) Isophorone	9.569	82	68331	4.332	ng	97
26) 2-Nitrophenol	9.751	139	16553	3.741	ng	# 89
27) 2,4-Dimethylphenol	9.822	122	31201	4.774	ng	95
28) bis(2-Chloroethoxy)met...	10.051	93	44093	4.213	ng	99
29) 2,4-Dichlorophenol	10.292	162	32542	4.045	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	39562	4.297	ng	100
31) Naphthalene	10.687	128	109457	4.417	ng	98
32) Benzoic acid	9.904	122	9042m	1.601	ng	
33) 4-Chloroaniline	10.804	127	46443	4.363	ng	97
34) Hexachlorobutadiene	10.981	225	27694	4.403	ng	97
35) Caprolactam	11.581	113	9469	5.359	ng	# 80
36) 4-Chloro-3-methylphenol	11.934	107	35353	3.889	ng	95
37) 2-Methylnaphthalene	12.298	142	84824	4.684	ng	98
38) 1-Methylnaphthalene	12.522	142	78527	4.446	ng	94
40) 1,2,4,5-Tetrachloroben...	12.669	216	48660	3.996	ng	98
41) Hexachlorocyclopentadiene	12.651	237	17201	3.077	ng	91
43) 2,4,6-Trichlorophenol	12.916	196	29323	3.524	ng	95

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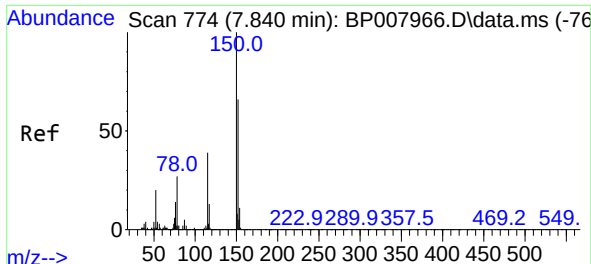
Quant Time: Nov 15 11:51:52 2021
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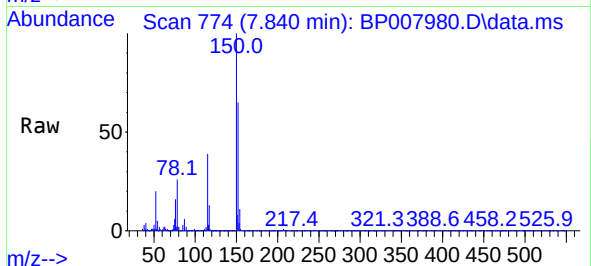
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	32536	3.599	ng	98
46) 1,1'-Biphenyl	13.310	154	112217	4.111	ng	97
47) 2-Chloronaphthalene	13.351	162	89514	4.192	ng	99
48) 2-Nitroaniline	13.557	65	21027	3.470	ng	95
49) Acenaphthylene	14.198	152	134814	4.151	ng	97
50) Dimethylphthalate	13.939	163	119693	4.140	ng	98
51) 2,6-Dinitrotoluene	14.057	165	23923	3.983	ng	92
52) Acenaphthene	14.539	154	85173	4.381	ng	99
53) 3-Nitroaniline	14.386	138	22392	3.656	ng	94
54) 2,4-Dinitrophenol	14.598	184	7656	2.112	ng	87
55) Dibenzofuran	14.875	168	145579	4.403	ng	95
56) 4-Nitrophenol	14.710	139	15442	3.094	ng	94
57) 2,4-Dinitrotoluene	14.845	165	30447	3.808	ng	# 99
58) Fluorene	15.527	166	115619	4.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	32251m	3.917	ng	
60) Diethylphthalate	15.304	149	118855	4.265	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	63796	4.484	ng	97
62) 4-Nitroaniline	15.551	138	21770	3.459	ng	94
63) Azobenzene	15.822	77	96044	4.094	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	15092	2.765	ng	96
66) n-Nitrosodiphenylamine	15.739	169	101879	4.274	ng	97
67) 4-Bromophenyl-phenylether	16.422	248	40160	4.123	ng	95
68) Hexachlorobenzene	16.539	284	48287	4.402	ng	95
69) Atrazine	16.698	200	38176	6.143	ng	99
70) Pentachlorophenol	16.892	266	22631	3.383	ng	94
71) Phenanthrene	17.274	178	197075	4.442	ng	99
72) Anthracene	17.369	178	193300	4.444	ng	99
73) Carbazole	17.645	167	170344	3.977	ng	99
74) Di-n-butylphthalate	18.198	149	191860	3.958	ng	99
75) Fluoranthene	19.251	202	243950	4.343	ng	97
77) Benzidine	19.433	184	108566	6.991	ng	98
78) Pyrene	19.604	202	261013	4.312	ng	99
80) Butylbenzylphthalate	20.480	149	87813	3.514	ng	97
81) Benzo(a)anthracene	21.315	228	277978	4.172	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	96508	3.138	ng	99
83) Chrysene	21.368	228	281220	4.403	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	139554	3.911	ng	# 97
85) Di-n-octyl phthalate	22.174	149	240779	3.662	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	324316	4.078	ng	# 94
88) Benzo(b)fluoranthene	23.003	252	299550	4.568	ng	98
89) Benzo(k)fluoranthene	23.051	252	287001	4.381	ng	98
90) Benzo(a)pyrene	23.627	252	276818	4.936	ng	# 97
91) Dibenzo(a,h)anthracene	26.262	278	275093	4.169	ng	97
92) Benzo(g,h,i)perylene	27.009	276	273062	4.199	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

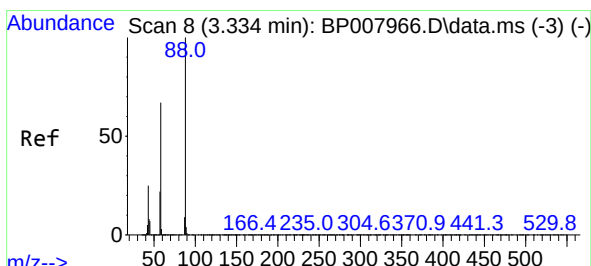
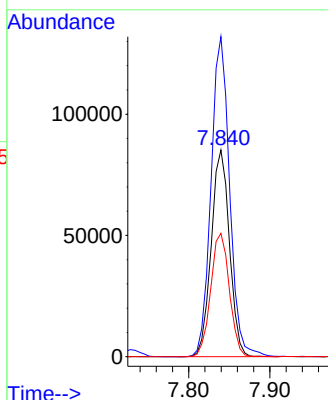
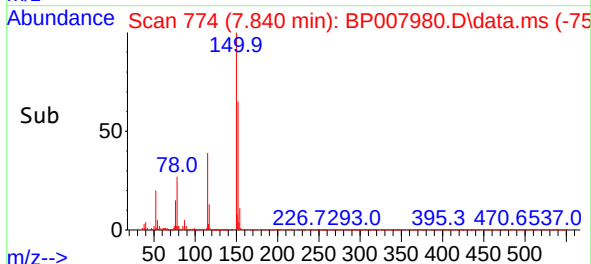
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



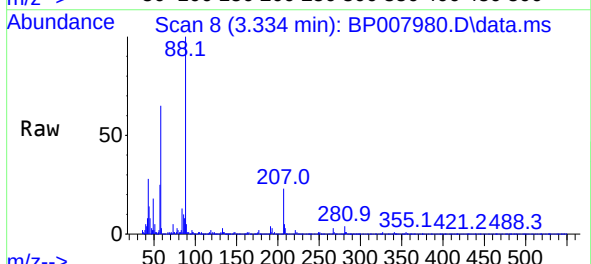
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Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 59.7 48.1 72.1

Manual Integrations
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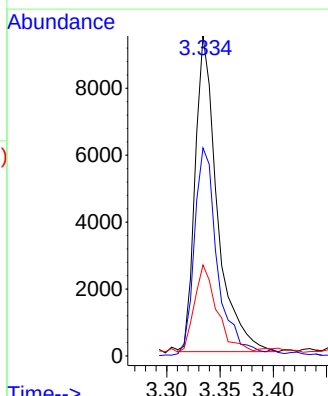
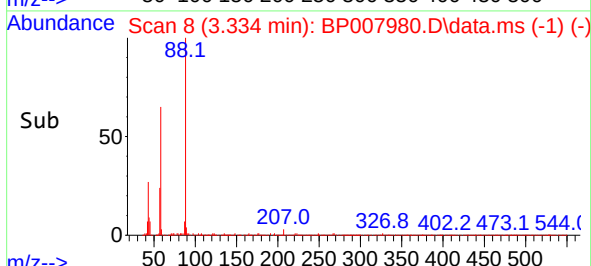
Reviewed By :Jagrut Upadhyay 11/15/2021
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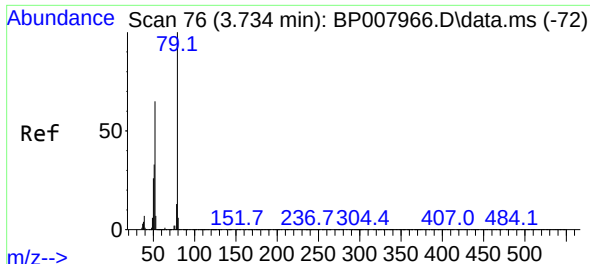


#2
1,4-Dioxane
Concen: 3.958 ng
RT: 3.334 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



Tgt Ion: 88 Resp: 13640
Ion Ratio Lower Upper
88 100
58 68.9 58.1 87.1
43 28.4 22.2 33.4





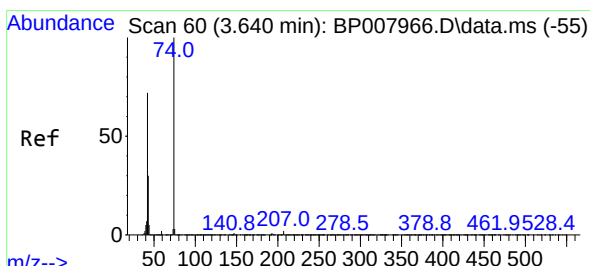
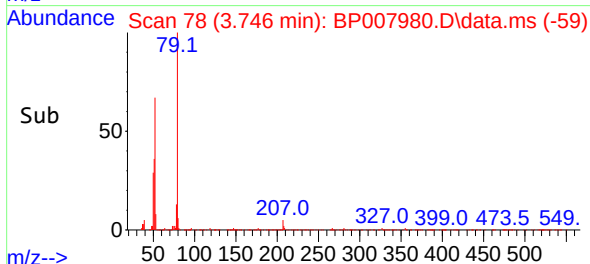
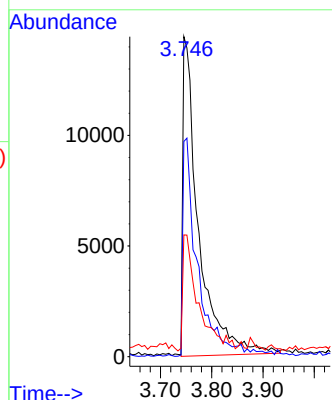
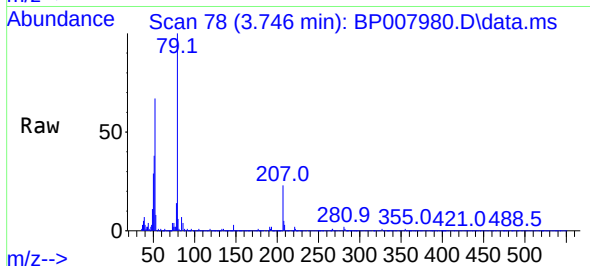
#3
Pyridine
Concen: 3.123 ng m
RT: 3.746 min Scan# 76
Delta R.T. 0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 79 Resp: 3087
Ion Ratio Lower Upper
79 100
52 67.3 55.7 83.5
51 38.1 28.5 42.7

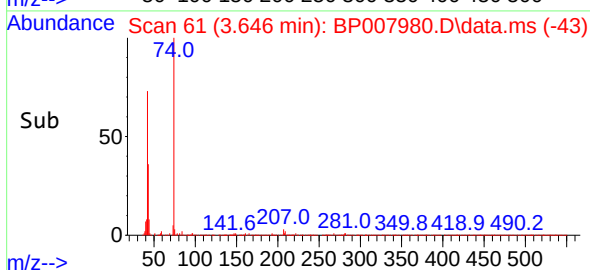
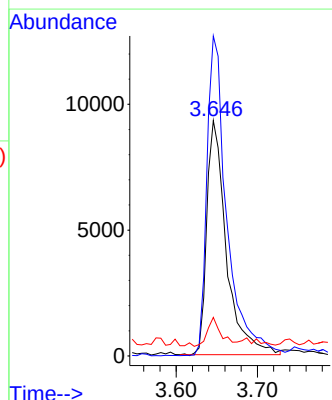
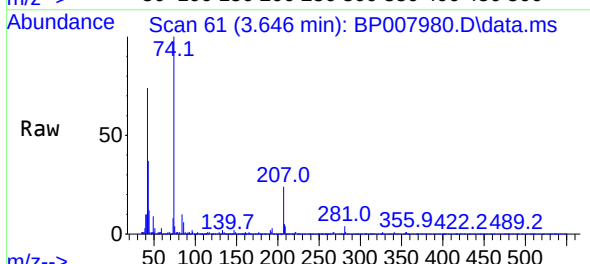
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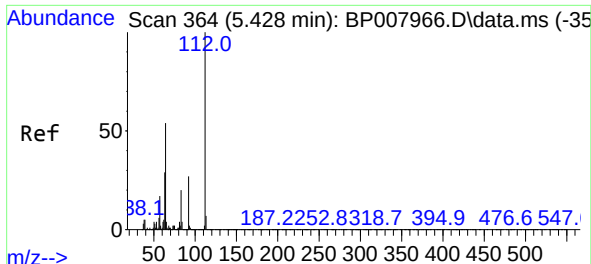
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#4
n-Nitrosodimethylamine
Concen: 4.262 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 42 Resp: 15565
Ion Ratio Lower Upper
42 100
74 136.0 107.0 160.4
44 16.4 7.4 11.2





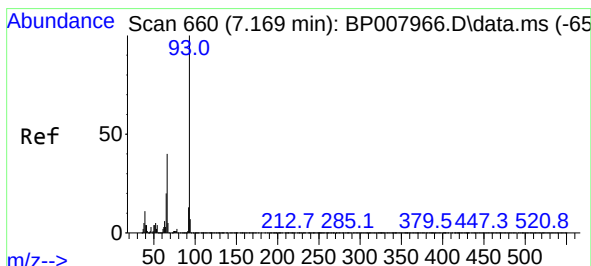
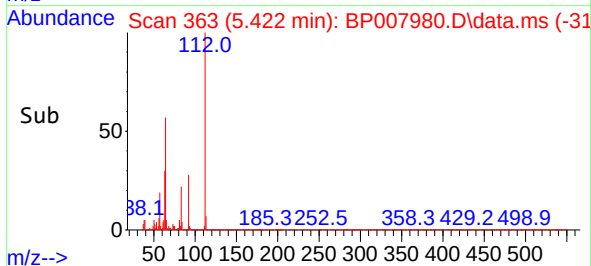
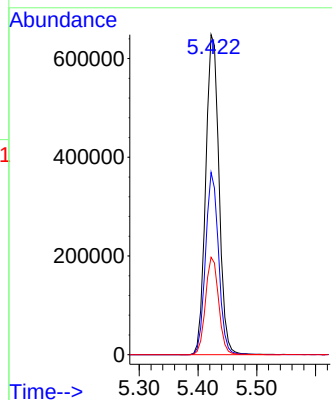
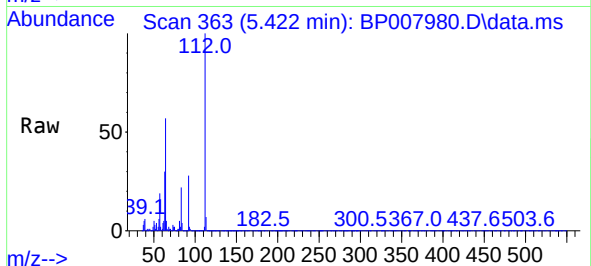
#5
2-Fluorophenol
Concen: 124.949 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:112 Resp: 1023280
Ion Ratio Lower Upper
112 100
64 56.9 46.6 70.0
63 30.5 25.0 37.6

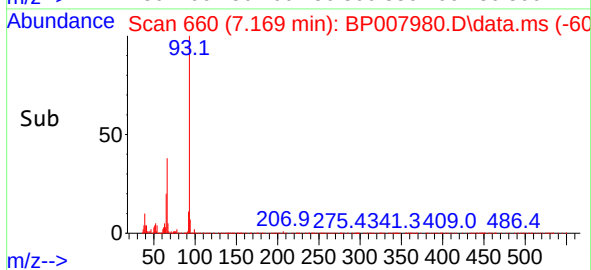
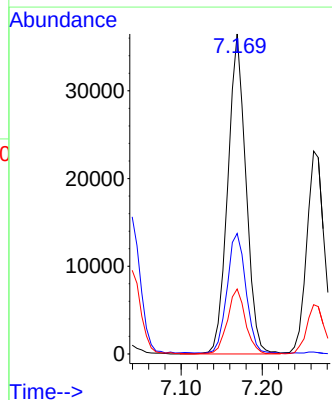
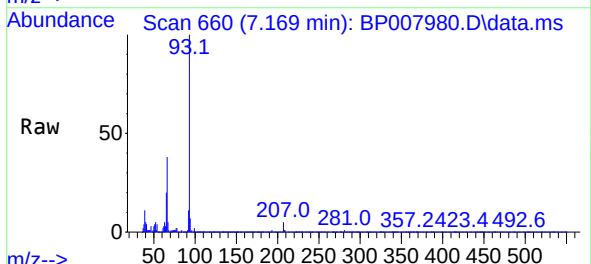
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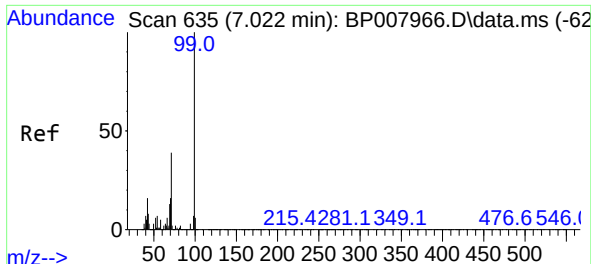
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#6
Aniline
Concen: 4.604 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 93 Resp: 56639
Ion Ratio Lower Upper
93 100
66 37.7 30.5 45.7
65 20.3 15.8 23.8





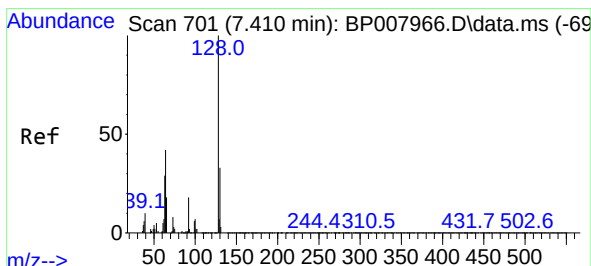
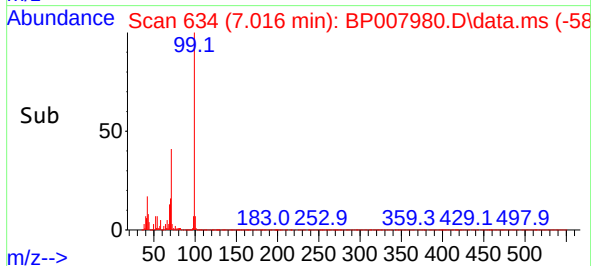
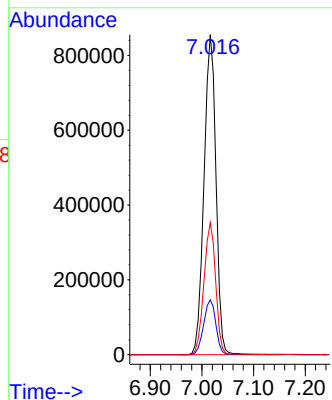
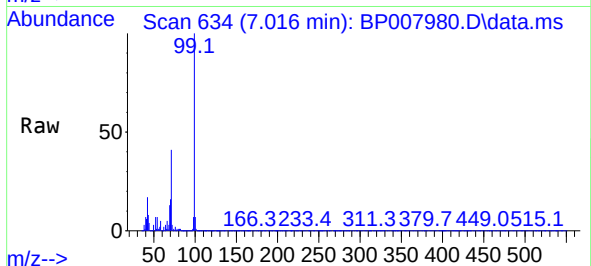
#7
Phenol-d6
Concen: 126.079 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1373628
Ion Ratio Lower Upper
99 100
42 17.1 14.9 22.3
71 41.3 29.2 43.8

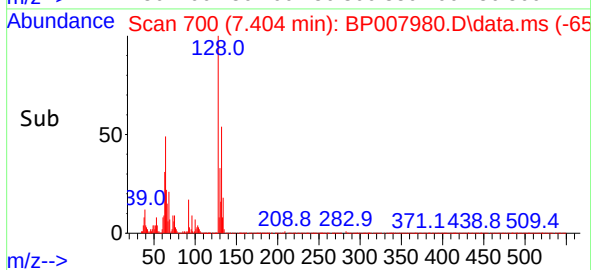
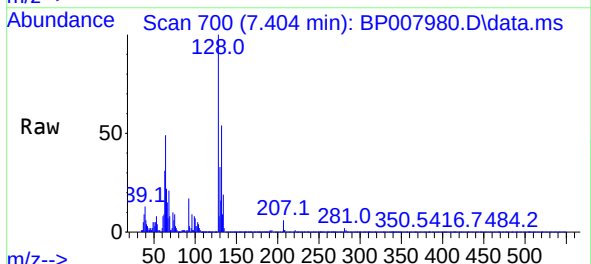
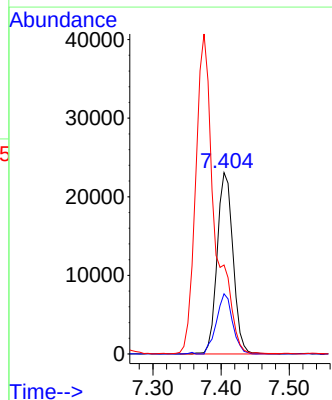
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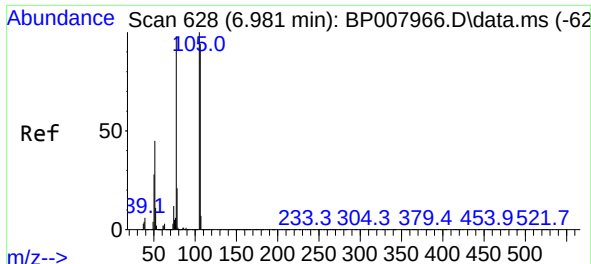
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#8
2-Chlorophenol
Concen: 4.321 ng
RT: 7.404 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

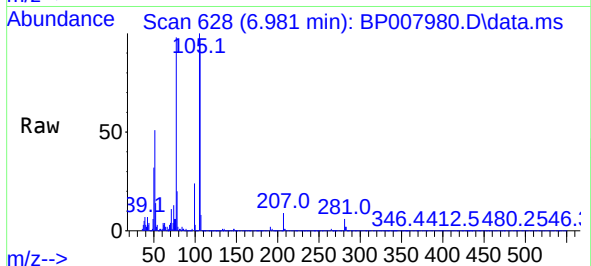
Tgt Ion:128 Resp: 37415
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 49.1 27.0 67.0





#9
Benzaldehyde
Concen: 4.656 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

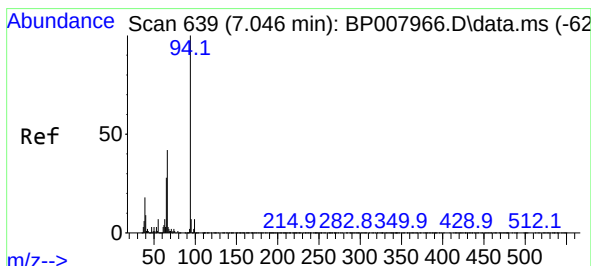
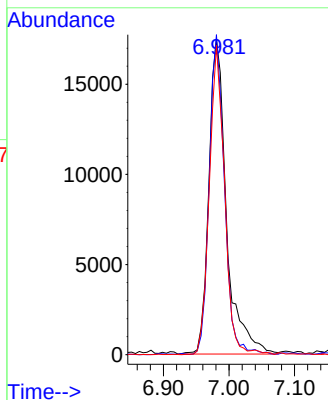
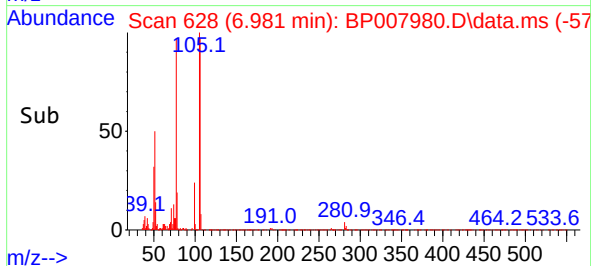
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BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



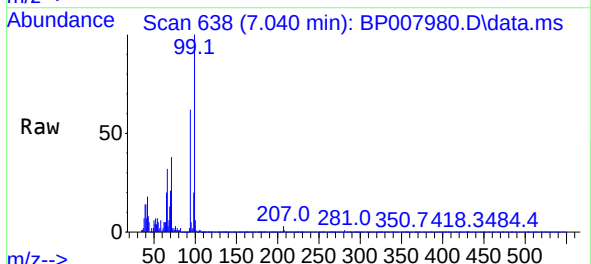
Tgt Ion: 77 Resp: 3271
Ion Ratio Lower Upper
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105 101.6 77.5 117.5
106 98.2 72.1 112.1

Manual Integrations
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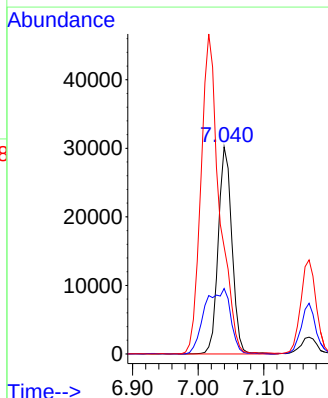
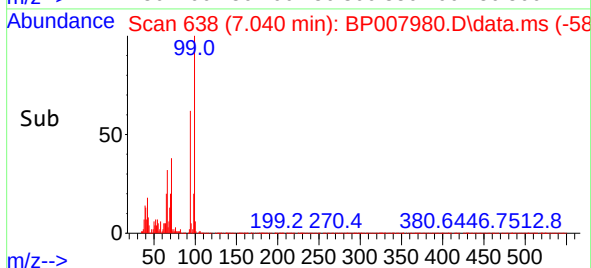
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

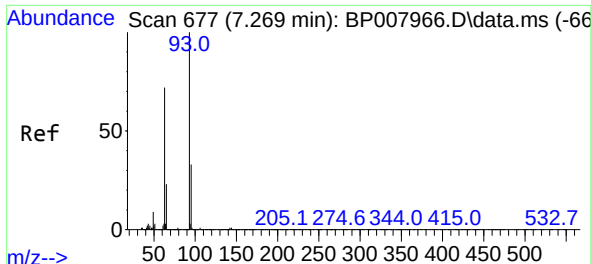


#10
Phenol
Concen: 4.121 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



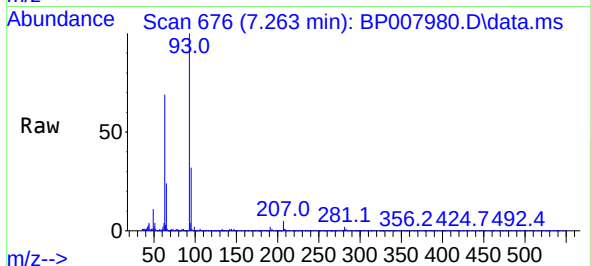
Tgt Ion: 94 Resp: 43561
Ion Ratio Lower Upper
94 100
65 31.6 8.2 48.2
66 51.8 18.8 58.8





#11
bis(2-Chloroethyl)ether
Concen: 4.024 ng
RT: 7.263 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

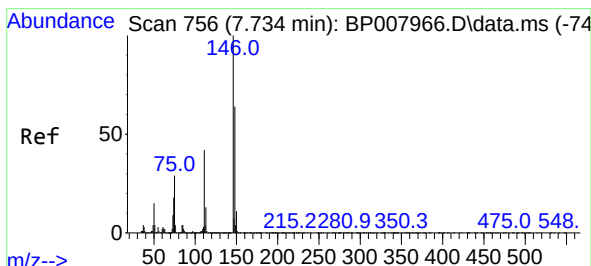
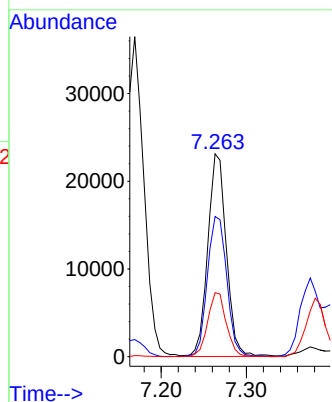
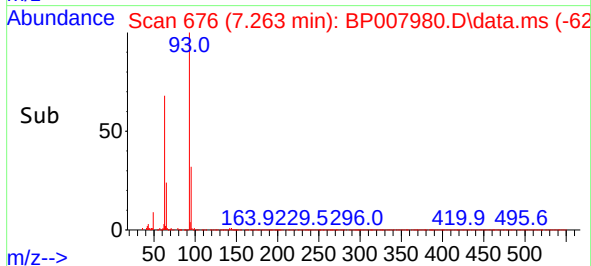
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



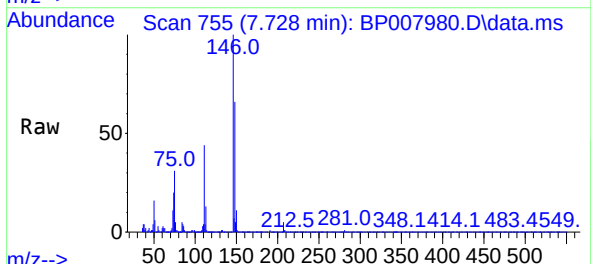
Tgt Ion: 93 Resp: 3495
Ion Ratio Lower Upper
93 100
63 69.1 55.7 95.7
95 31.6 12.7 52.7

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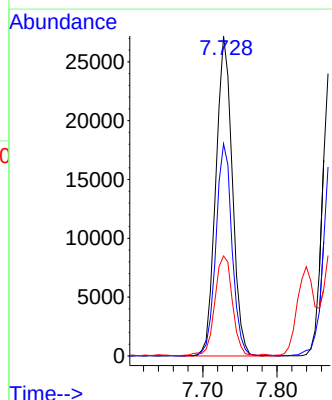
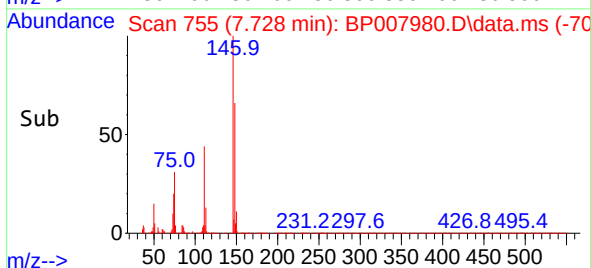
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

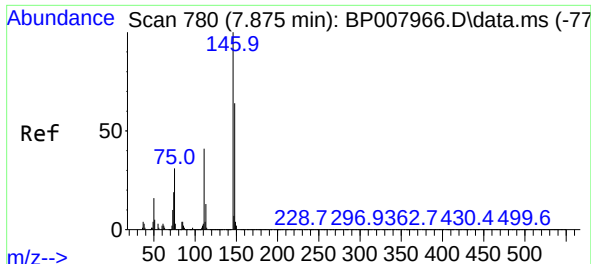


#12
1,3-Dichlorobenzene
Concen: 4.308 ng
RT: 7.728 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



Tgt Ion:146 Resp: 41947
Ion Ratio Lower Upper
146 100
148 66.3 51.4 77.0
75 31.2 26.1 39.1





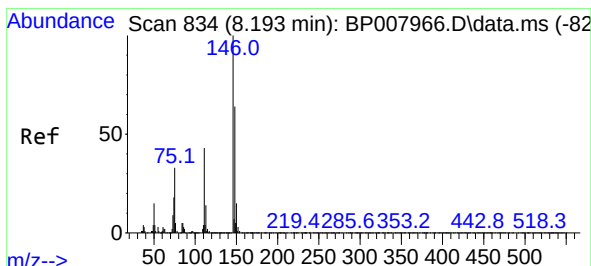
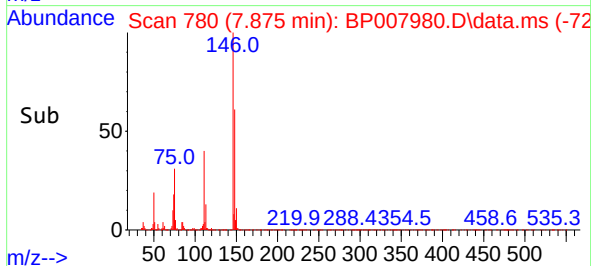
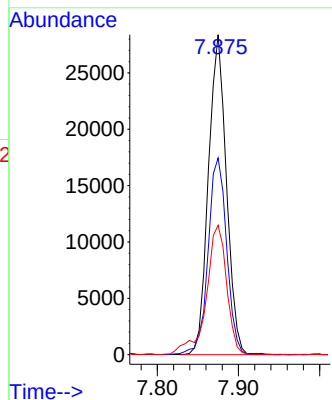
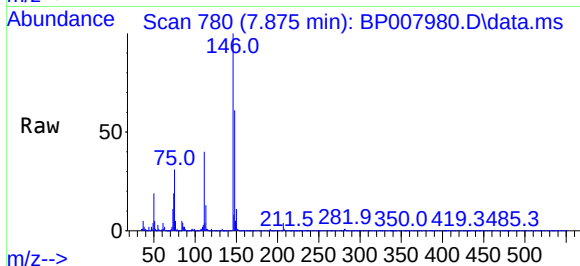
#13
1,4-Dichlorobenzene
Concen: 4.411 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:146 Resp: 4366
Ion Ratio Lower Upper
146 100
148 61.5 51.0 76.6
111 40.5 32.8 49.2

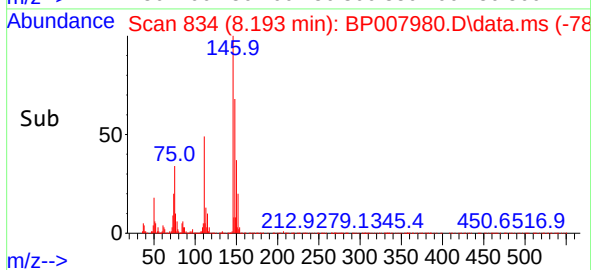
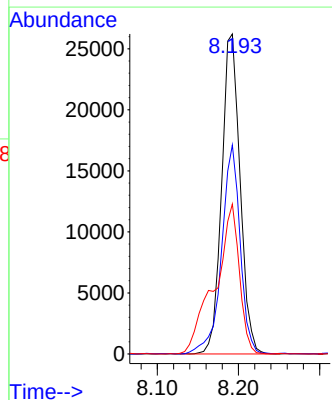
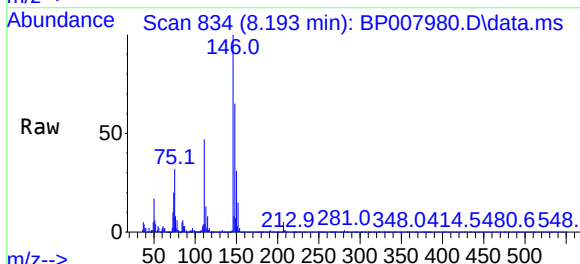
Manual Integrations
APPROVED

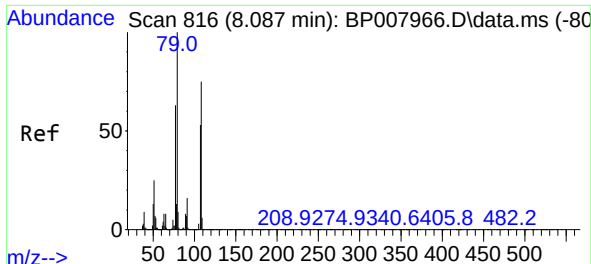
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#14
1,2-Dichlorobenzene
Concen: 4.123 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:146 Resp: 41212
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 46.9 35.1 52.7





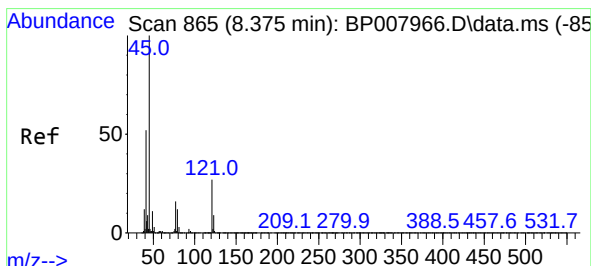
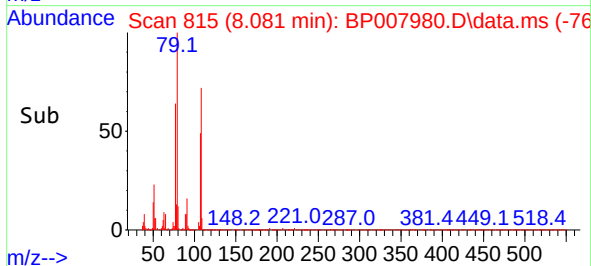
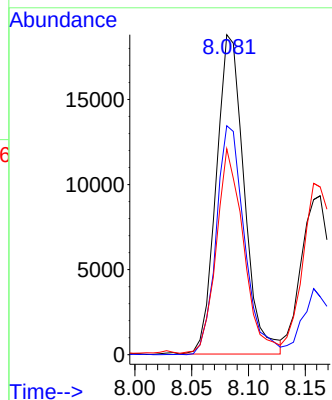
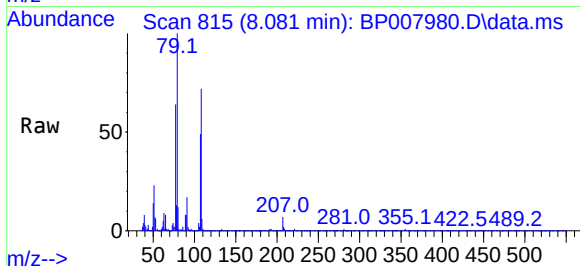
#15
Benzyl Alcohol
Concen: 3.902 ng
RT: 8.081 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 79 Resp: 3215
Ion Ratio Lower Upper
79 100
108 71.6 59.9 89.9
77 64.4 51.1 76.7

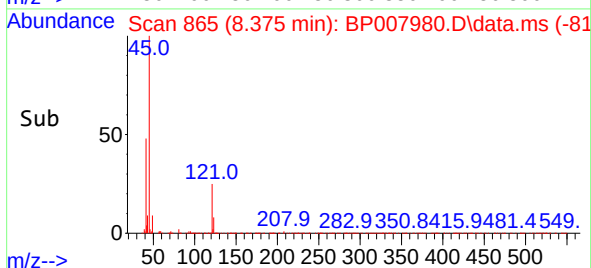
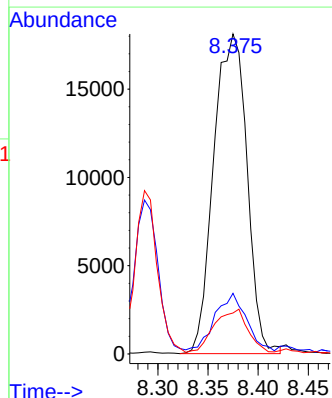
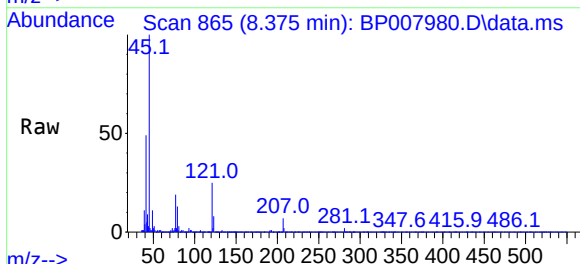
Manual Integrations
APPROVED

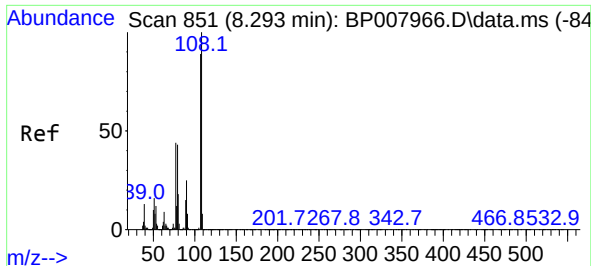
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.977 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

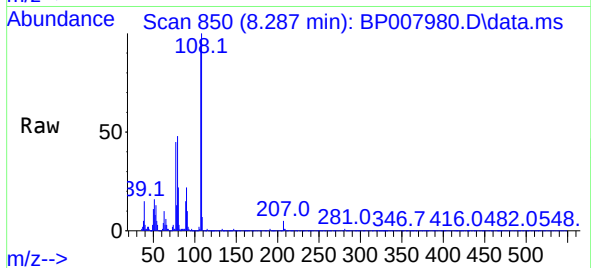
Tgt Ion: 45 Resp: 41754
Ion Ratio Lower Upper
45 100
77 18.9 0.0 34.9
79 12.8 0.0 31.7





#17
2-Methylphenol
Concen: 4.062 ng
RT: 8.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

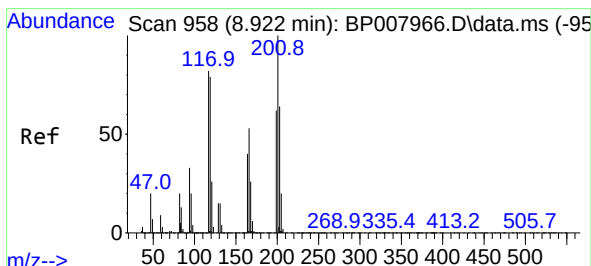
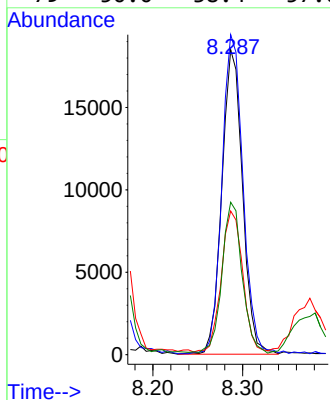
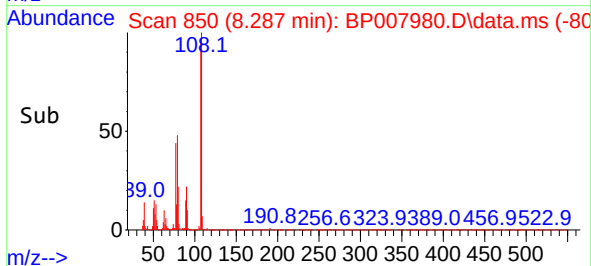
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:107 Resp: 29570
Ion Ratio Lower Upper
107 100
108 104.9 89.2 133.8
77 47.1 38.5 57.7
79 50.0 38.4 57.6

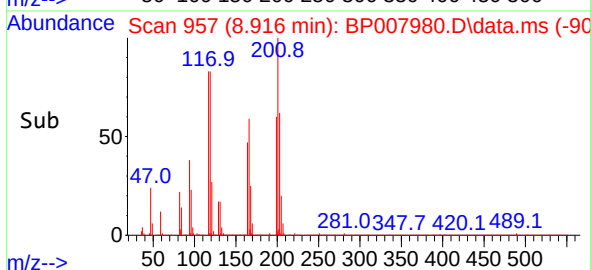
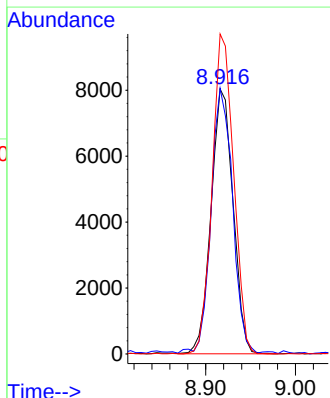
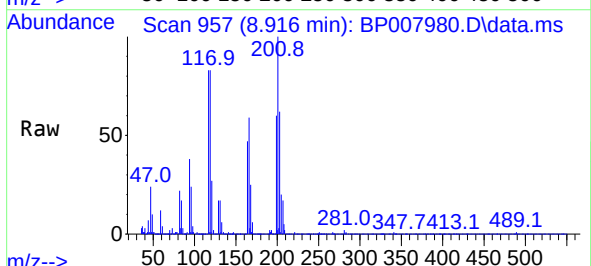
Manual Integrations
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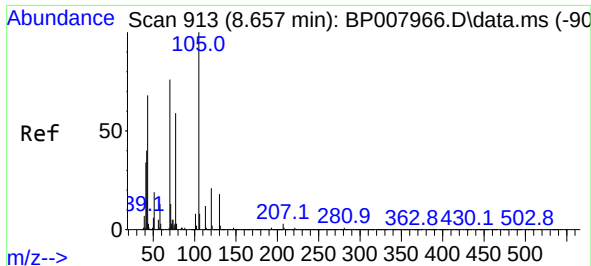
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#18
Hexachloroethane
Concen: 4.081 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

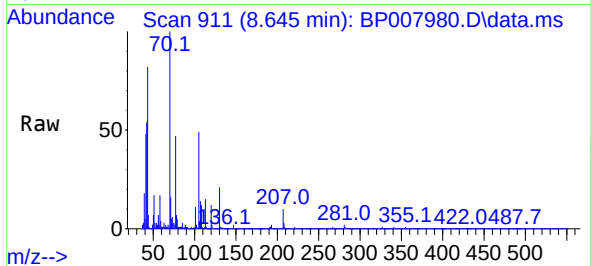
Tgt Ion:117 Resp: 13700
Ion Ratio Lower Upper
117 100
119 100.2 77.6 116.4
201 120.8 82.9 124.3





#19
n-Nitroso-di-n-propylamine
Concen: 3.992 ng
RT: 8.645 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

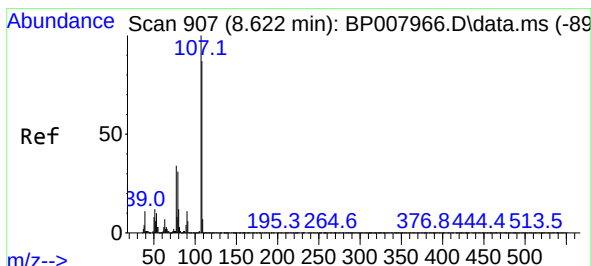
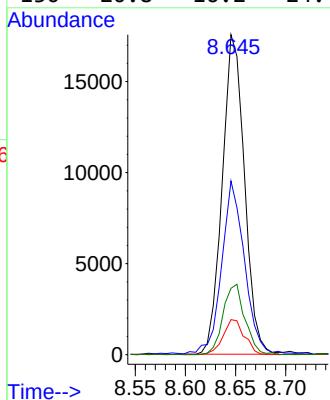
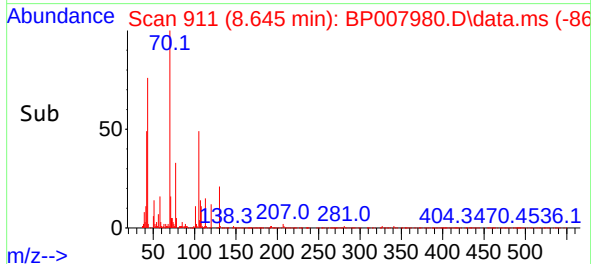
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



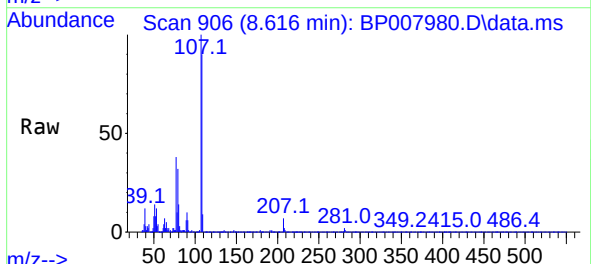
Tgt Ion: 70 Resp: 2707
Ion Ratio Lower Upper
70 100
42 54.2 46.2 69.2
101 10.9 7.7 11.5
130 20.8 16.2 24.4

Manual Integrations
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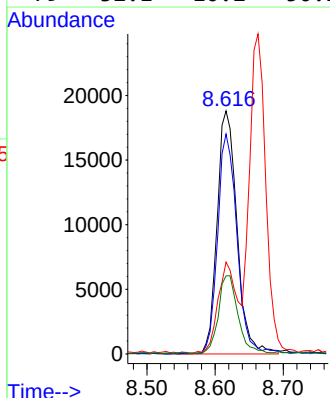
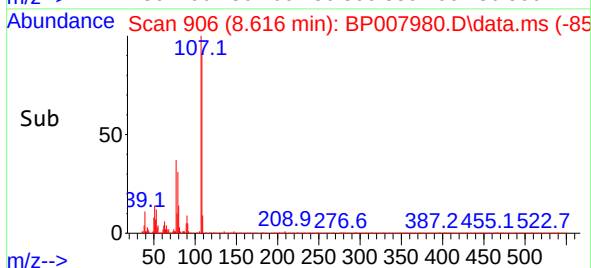
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

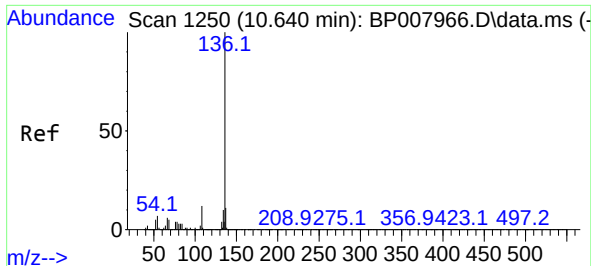


#20
3+4-Methylphenols
Concen: 3.778 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



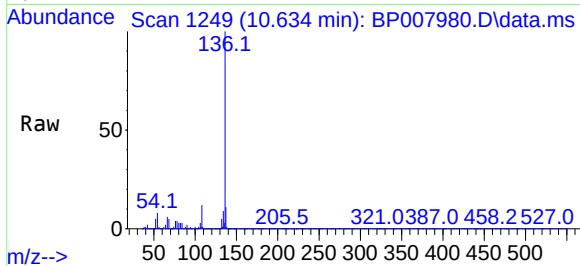
Tgt Ion:107 Resp: 38112
Ion Ratio Lower Upper
107 100
108 90.5 69.2 109.2
77 37.8 13.8 53.8
79 32.1 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

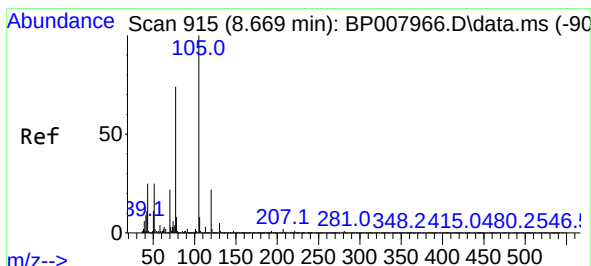
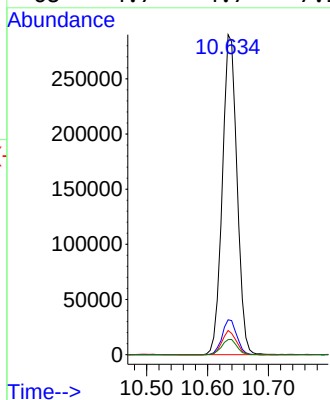
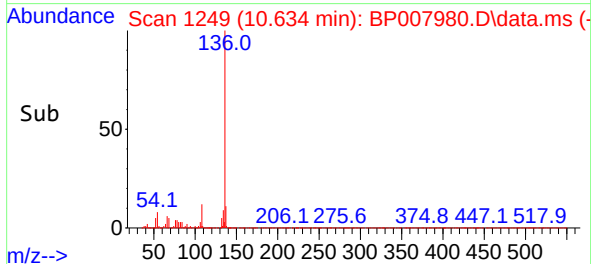
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:136 Resp: 485300
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 6.2 9.4
68 4.7 4.7 7.1#

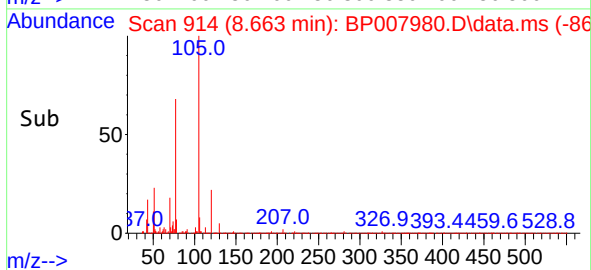
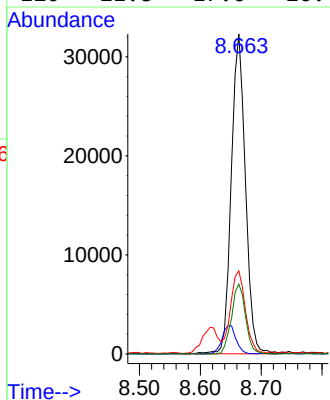
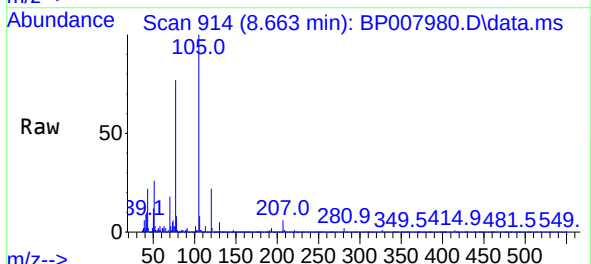
Manual Integrations
APPROVED

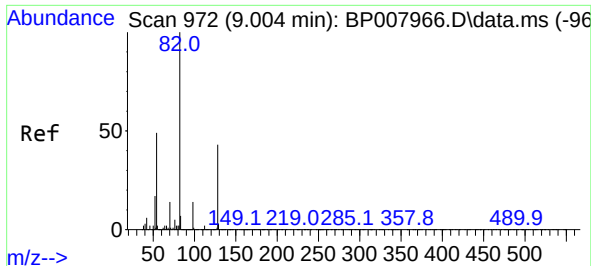
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#22
Acetophenone
Concen: 4.222 ng
RT: 8.663 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:105 Resp: 52112
Ion Ratio Lower Upper
105 100
71 2.6 4.5 6.7#
51 26.0 21.8 32.8
120 21.8 17.6 26.4





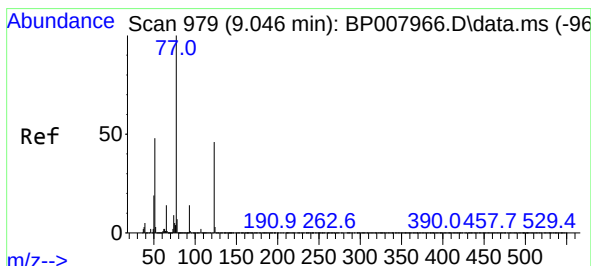
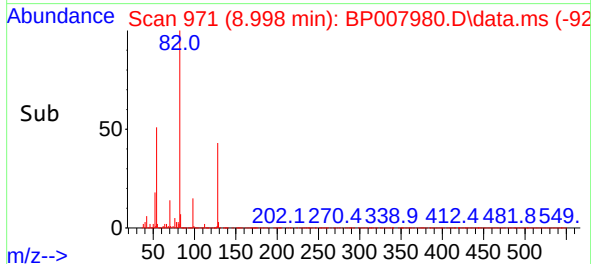
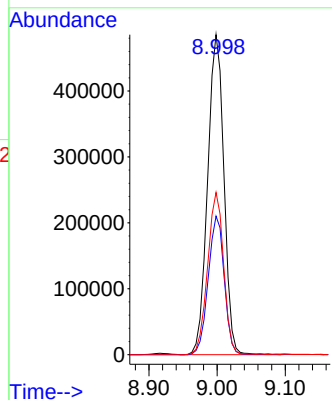
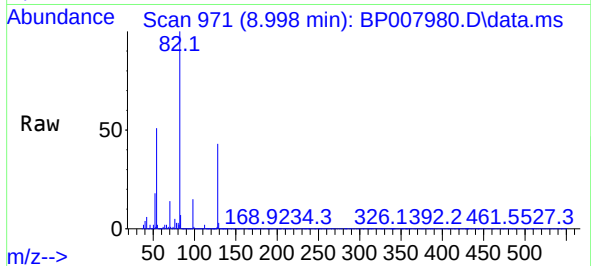
#23
Nitrobenzene-d5
Concen: 88.939 ng
RT: 8.998 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 82 Resp: 80656
Ion Ratio Lower Upper
82 100
128 43.3 32.6 48.8
54 50.7 40.4 60.6

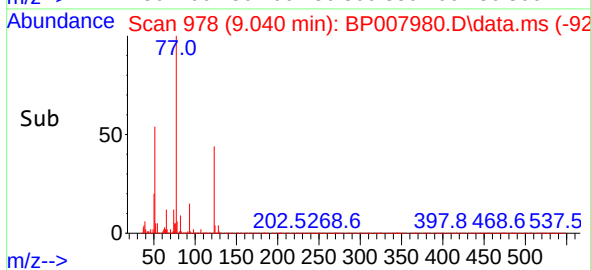
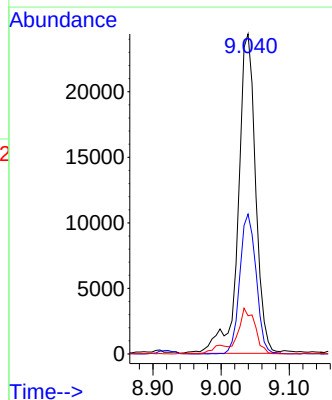
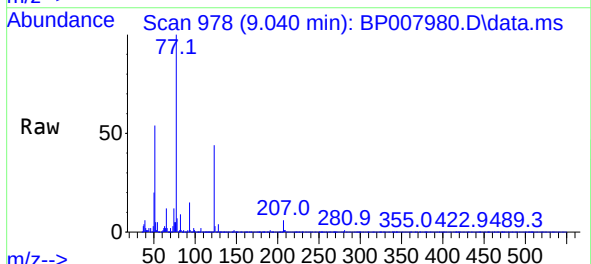
Manual Integrations
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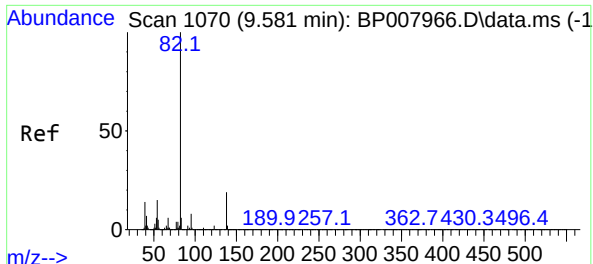
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#24
Nitrobenzene
Concen: 4.982 ng
RT: 9.040 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 77 Resp: 43176
Ion Ratio Lower Upper
77 100
123 43.7 35.3 52.9
65 12.0 10.9 16.3





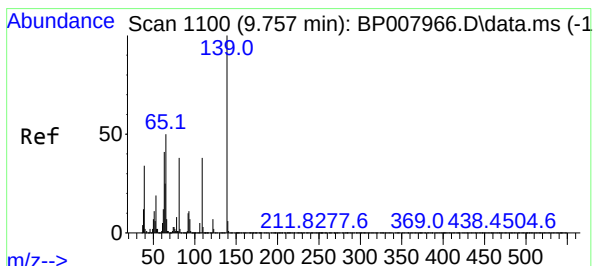
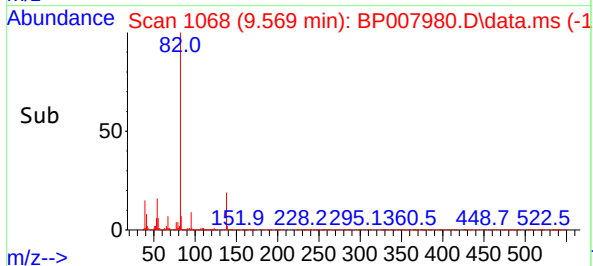
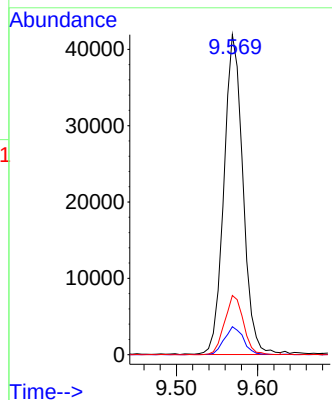
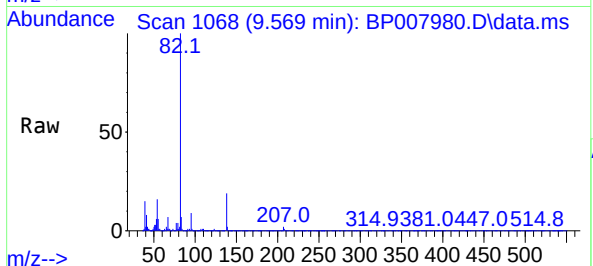
#25
Isophorone
Concen: 4.332 ng
RT: 9.569 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 82 Resp: 6833
Ion Ratio Lower Upper
82 100
95 8.8 6.2 9.2
138 18.5 14.0 21.0

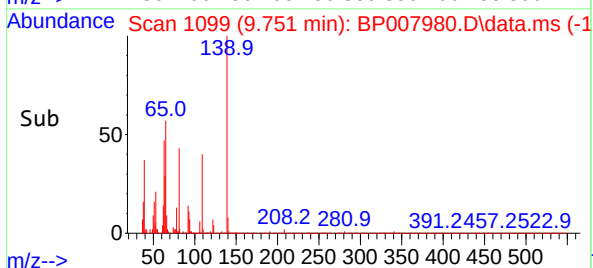
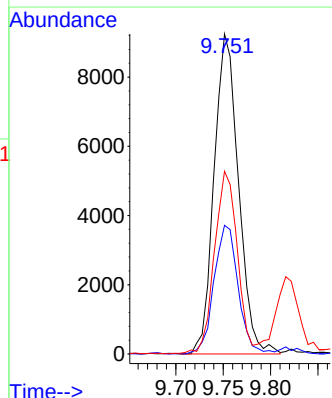
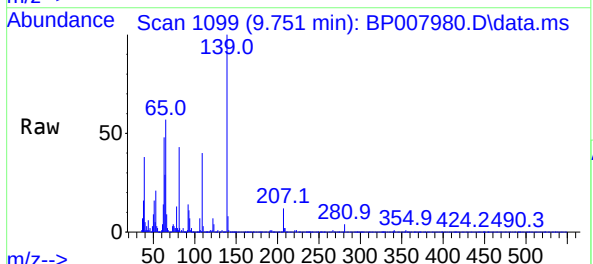
Manual Integrations
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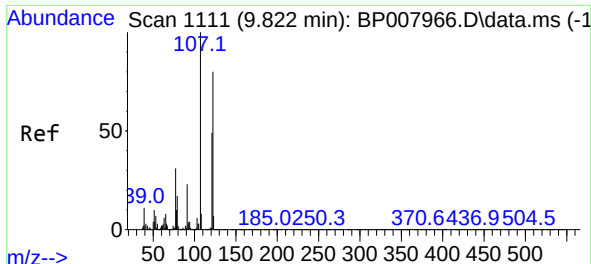
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#26
2-Nitrophenol
Concen: 3.741 ng
RT: 9.751 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:139 Resp: 16553
Ion Ratio Lower Upper
139 100
109 40.2 26.2 39.2#
65 57.1 40.3 60.5





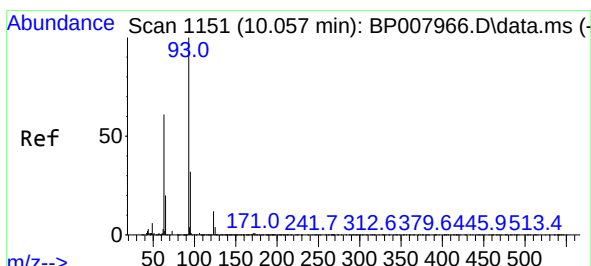
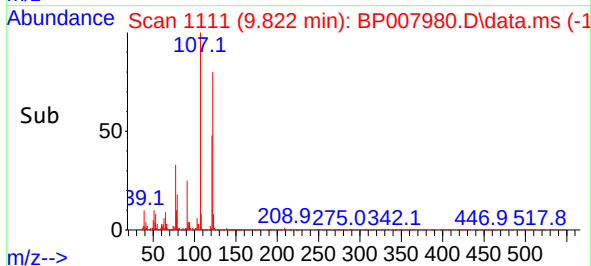
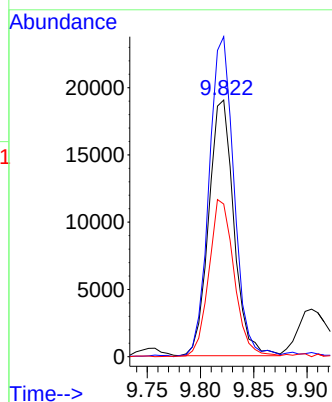
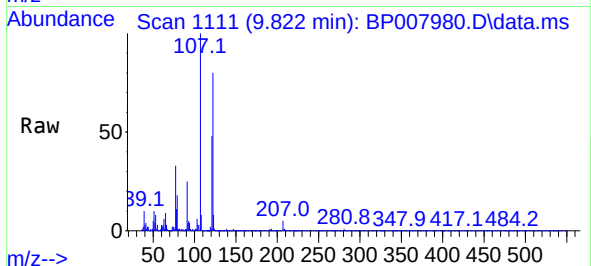
#27
2,4-Dimethylphenol
Concen: 4.774 ng
RT: 9.822 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:122 Resp: 3120
Ion Ratio Lower Upper
122 100
107 124.7 93.8 140.6
121 59.5 47.0 70.4

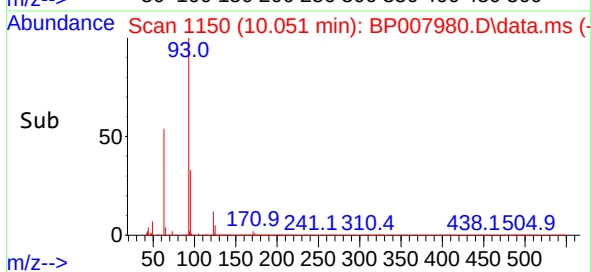
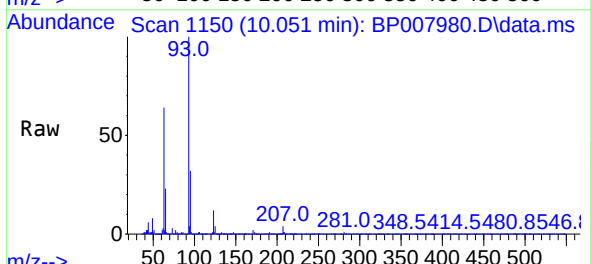
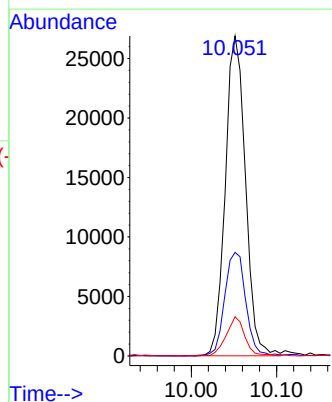
Manual Integrations
APPROVED

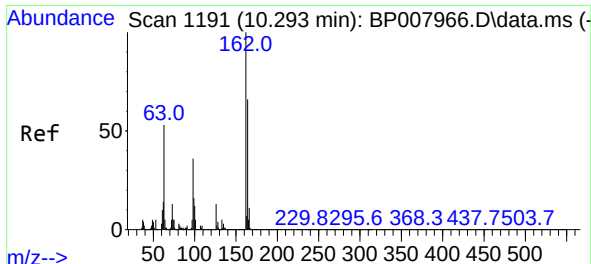
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#28
bis(2-Chloroethoxy)methane
Concen: 4.213 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 93 Resp: 44093
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 4.045 ng

RT: 10.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

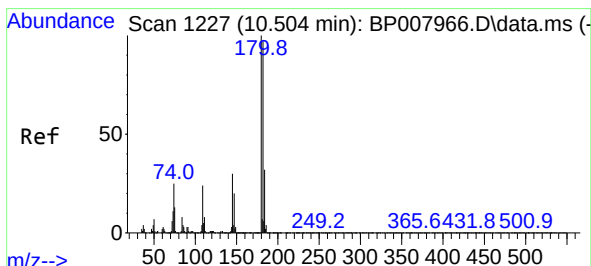
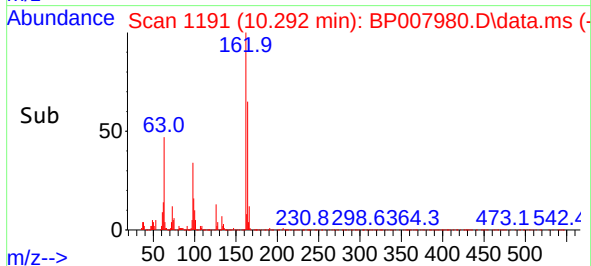
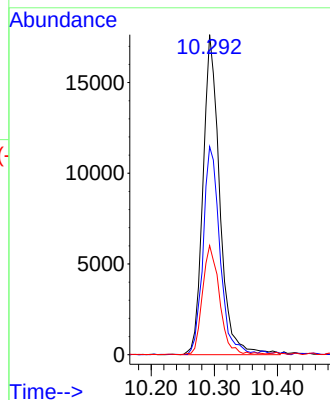
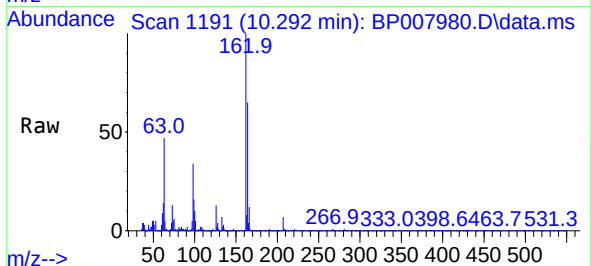
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:	162	Resp:	3254
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.0	84.0
98	34.1	16.3	56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#30

1,2,4-Trichlorobenzene

Concen: 4.297 ng

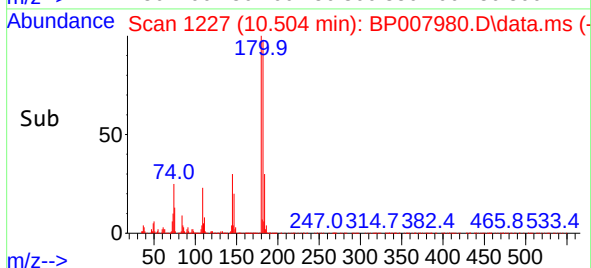
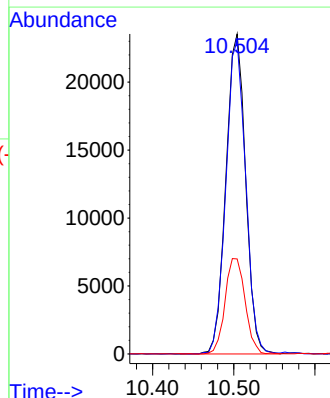
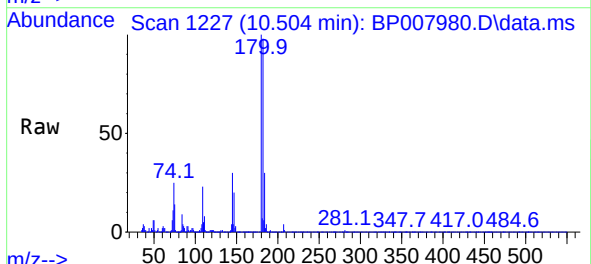
RT: 10.504 min Scan# 1227

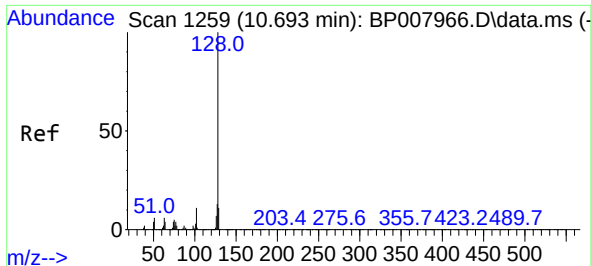
Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Tgt Ion:	180	Resp:	39562
Ion Ratio	Lower	Upper	
180	100		
182	97.8	78.4	117.6
145	29.7	23.8	35.8





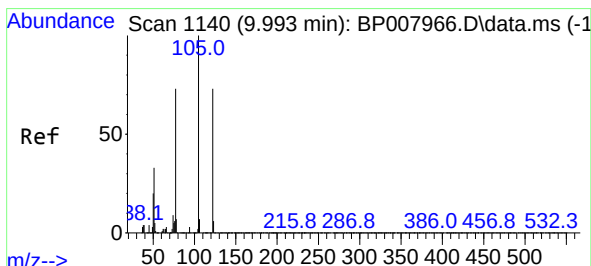
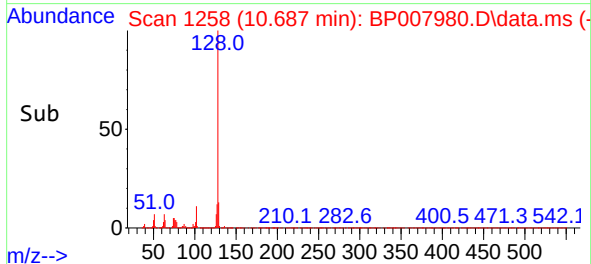
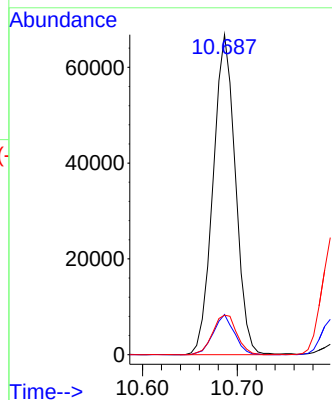
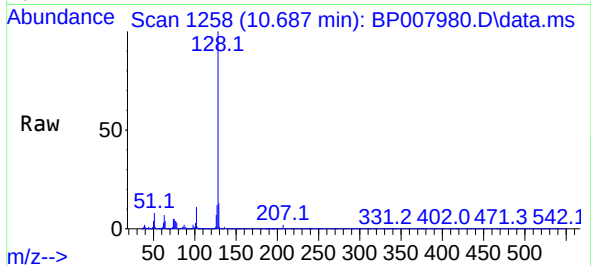
#31
Naphthalene
Concen: 4.417 ng
RT: 10.687 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:128 Resp: 10945
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 12.4 10.2 15.4

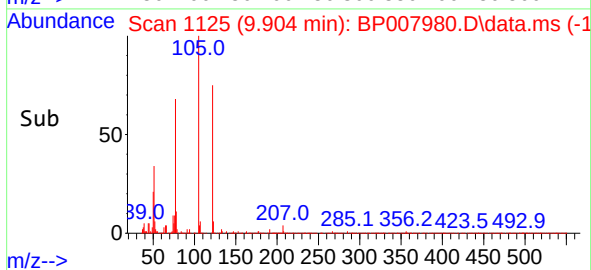
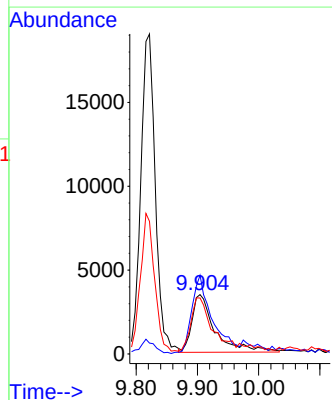
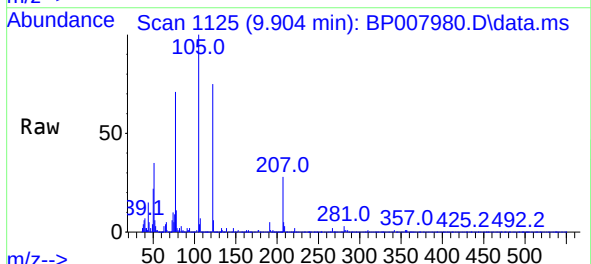
Manual Integrations
APPROVED

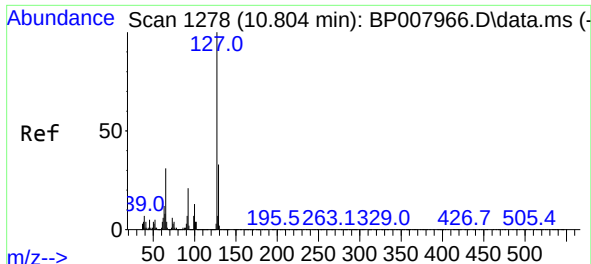
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#32
Benzoic acid
Concen: 1.601 ng m
RT: 9.904 min Scan# 1125
Delta R.T. -0.088 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

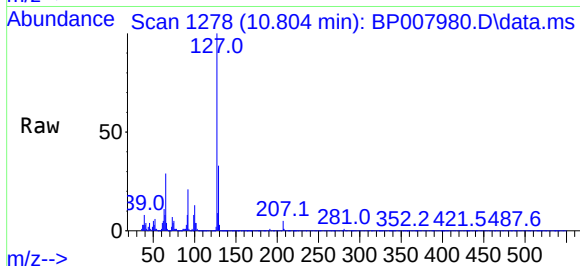
Tgt Ion:122 Resp: 9042
Ion Ratio Lower Upper
122 100
105 132.7 105.9 145.9
77 94.4 74.6 114.6





#33
4-Chloroaniline
Concen: 4.363 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

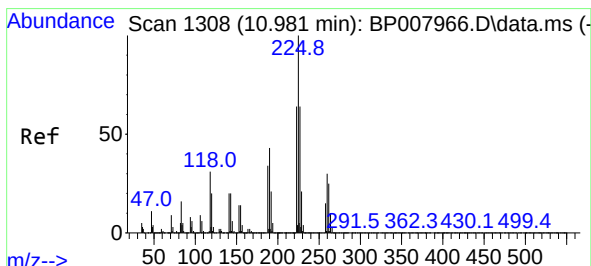
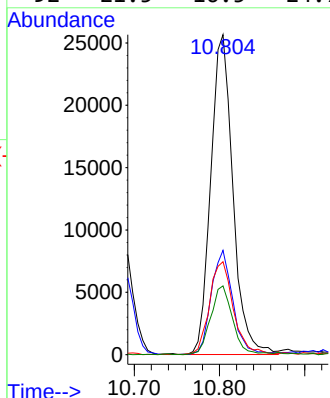
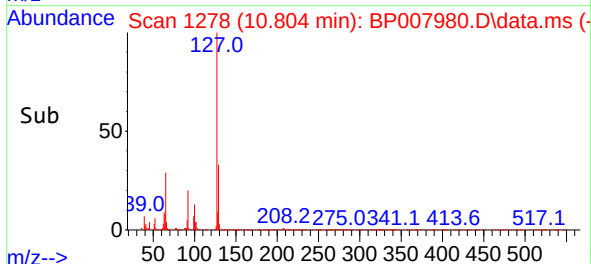
Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.1	37.7
65	29.0	25.5	38.3
92	21.5	16.5	24.7

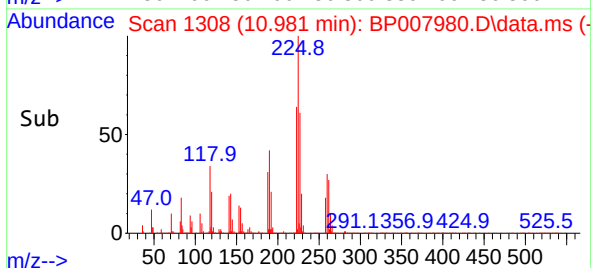
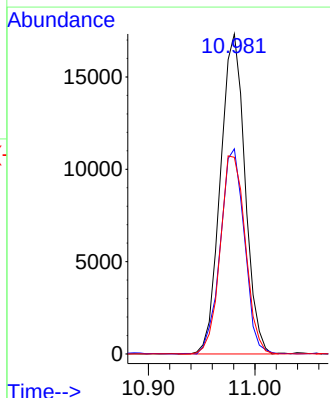
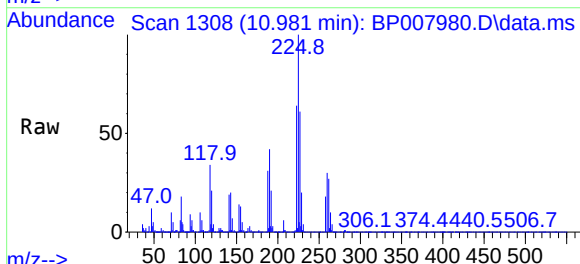
Manual Integrations
APPROVED

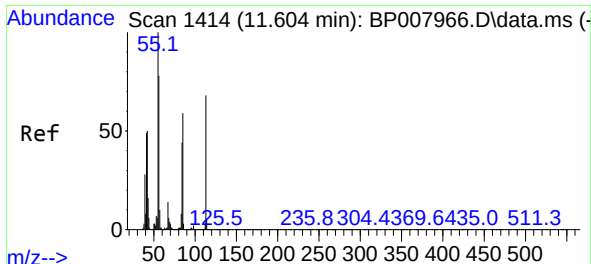
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#34
Hexachlorobutadiene
Concen: 4.403 ng
RT: 10.981 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.4	74.0
227	64.6	51.0	76.6





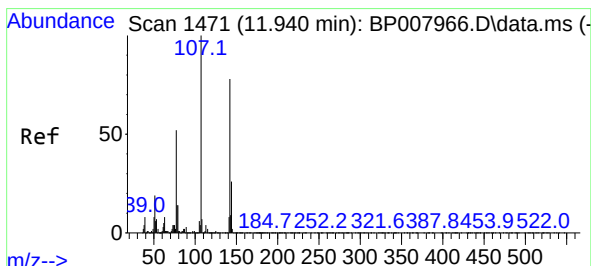
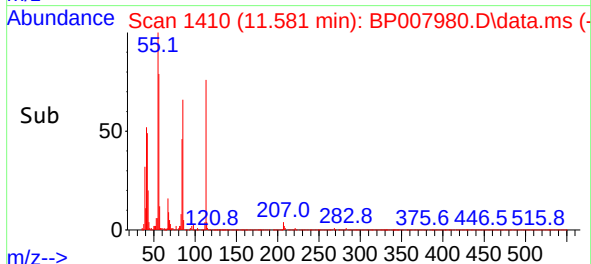
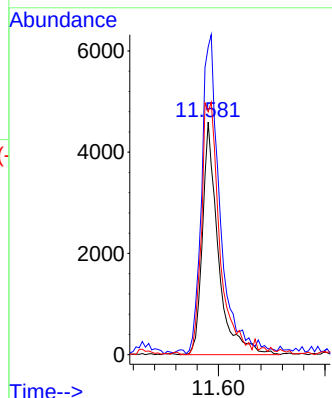
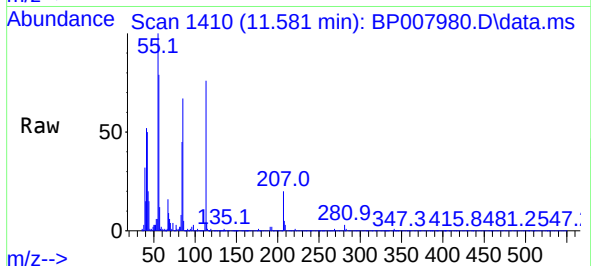
#35
Caprolactam
Concen: 5.359 ng
RT: 11.581 min Scan# 1414
Delta R.T. -0.024 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:113 Resp: 9469
Ion Ratio Lower Upper
113 100
55 132.3 143.9 183.9
56 104.4 101.6 141.6

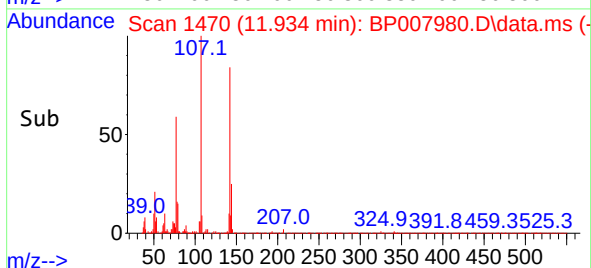
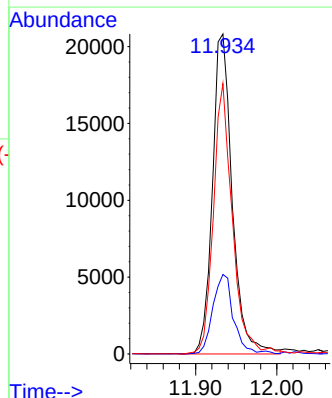
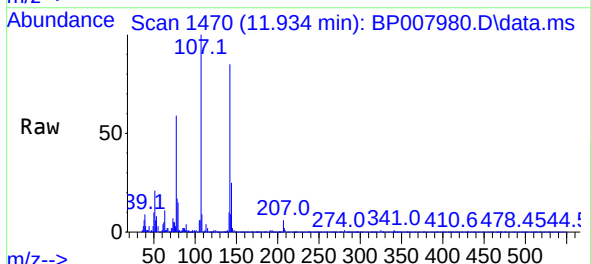
Manual Integrations
APPROVED

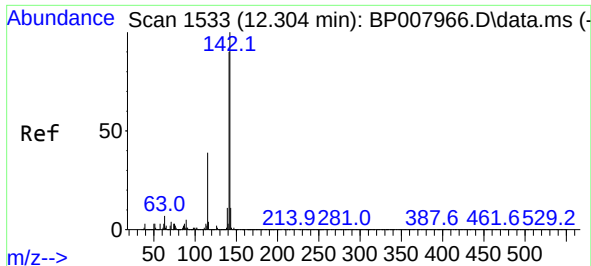
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#36
4-Chloro-3-methylphenol
Concen: 3.889 ng
RT: 11.934 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:107 Resp: 35353
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 84.5 63.0 94.4





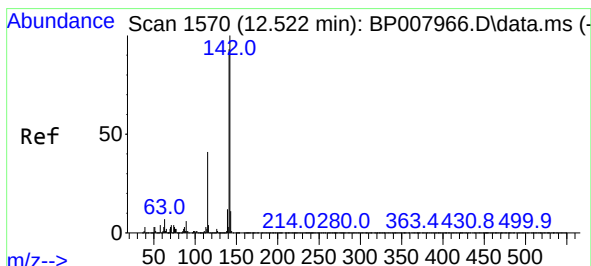
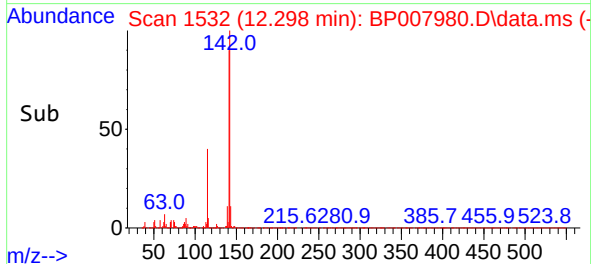
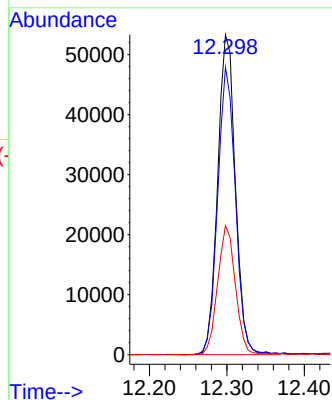
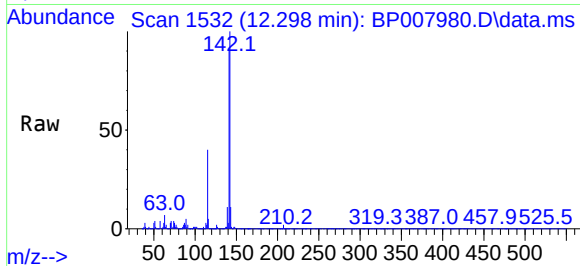
#37
2-Methylnaphthalene
Concen: 4.684 ng
RT: 12.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:142 Resp: 84824
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0
115 40.3 29.5 44.3

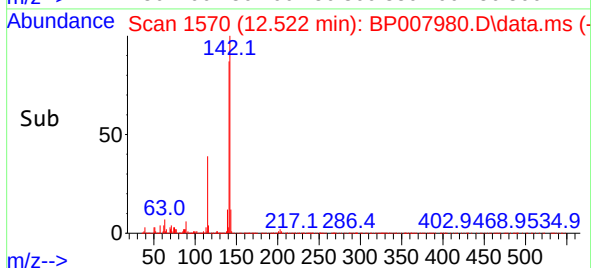
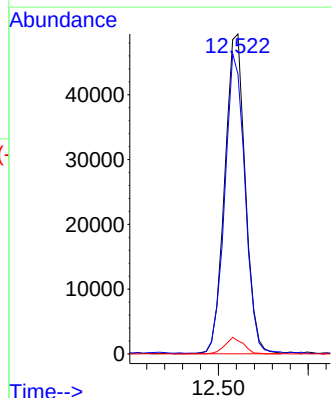
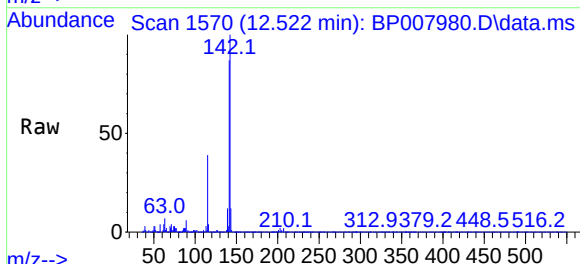
Manual Integrations
APPROVED

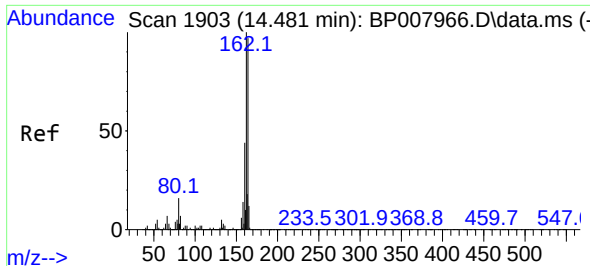
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#38
1-Methylnaphthalene
Concen: 4.446 ng
RT: 12.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

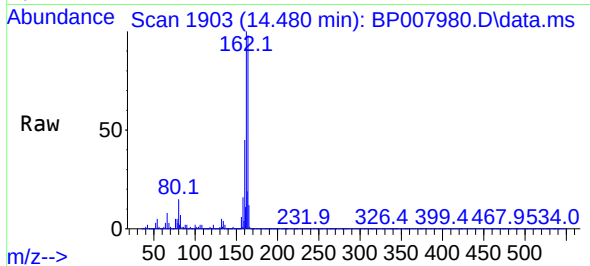
Tgt Ion:142 Resp: 78527
Ion Ratio Lower Upper
142 100
141 87.4 74.4 111.6
116 4.1 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

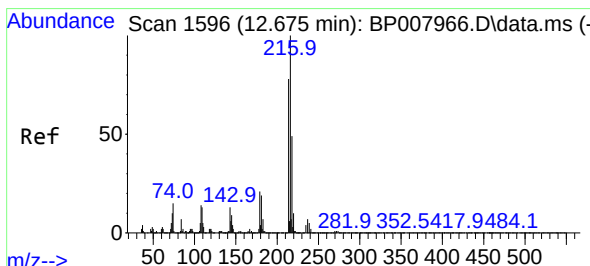
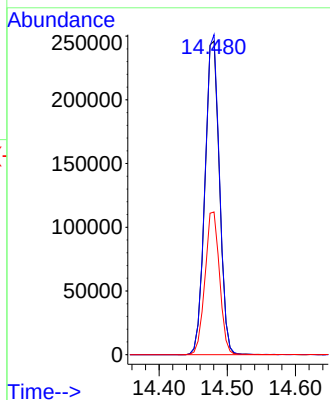
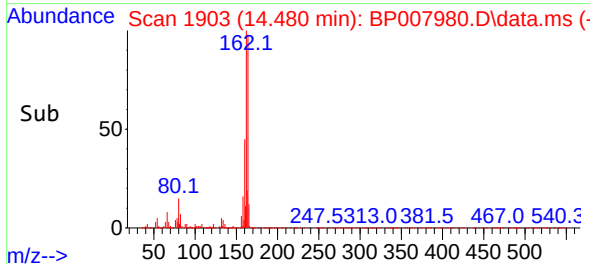
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



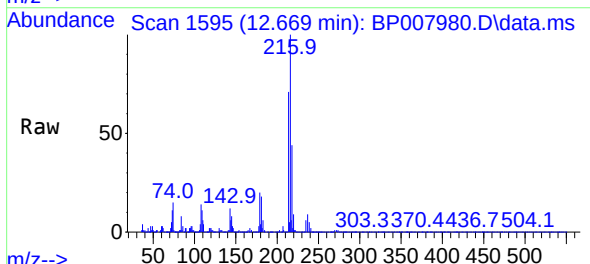
Tgt Ion:164 Resp: 365438
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 45.5 36.0 54.0

Manual Integrations
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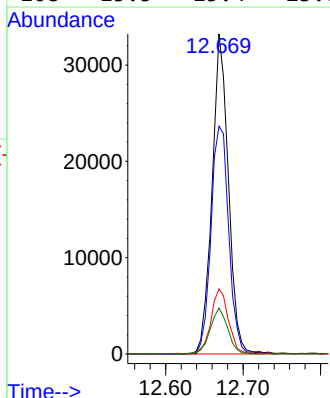
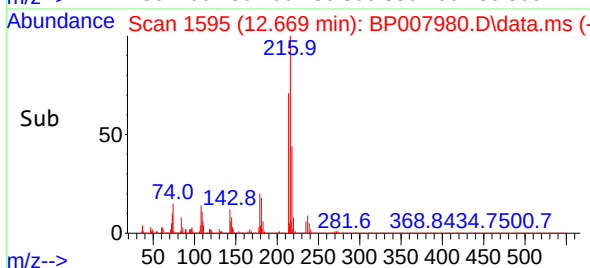
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

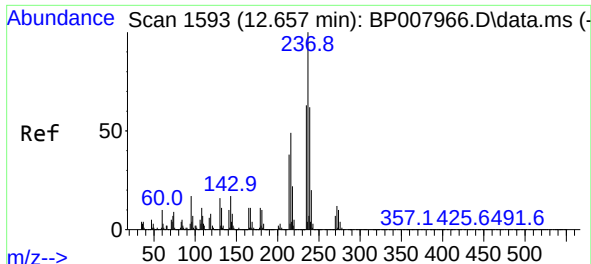


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.996 ng
RT: 12.669 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



Tgt Ion:216 Resp: 48660
Ion Ratio Lower Upper
216 100
214 77.4 62.2 93.4
179 21.4 17.1 25.7
108 15.5 15.4 23.0





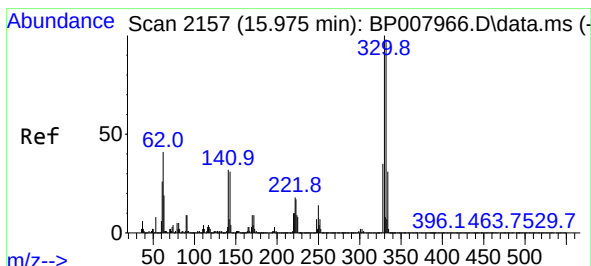
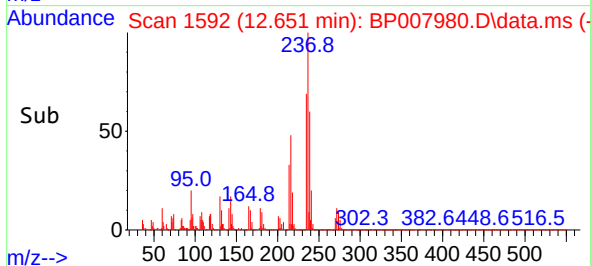
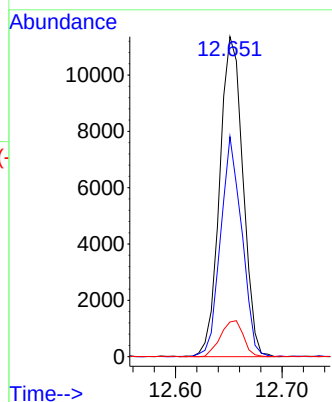
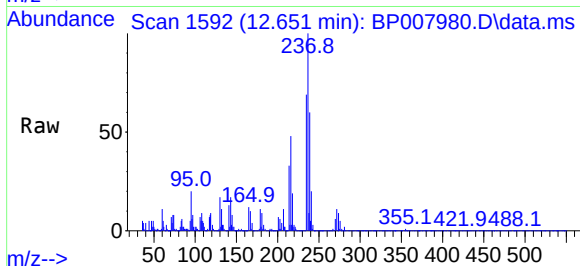
#41
Hexachlorocyclopentadiene
Concen: 3.077 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:237 Resp: 1720
Ion Ratio Lower Upper
237 100
235 68.7 41.2 81.2
272 10.8 0.0 31.9

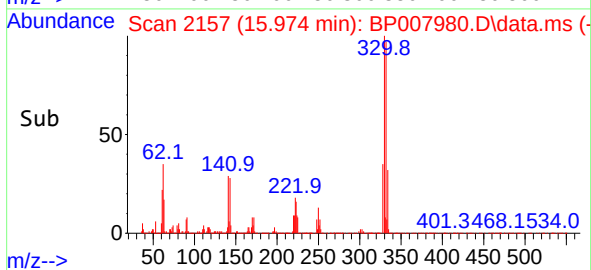
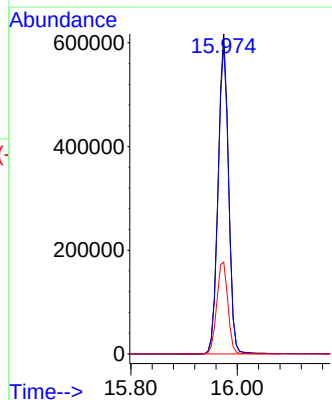
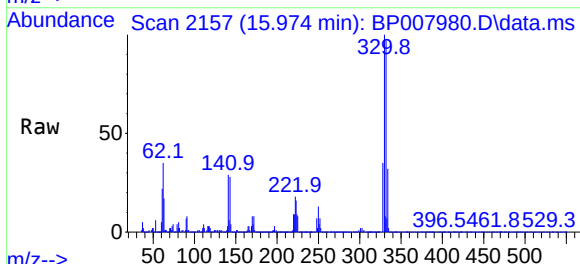
Manual Integrations
APPROVED

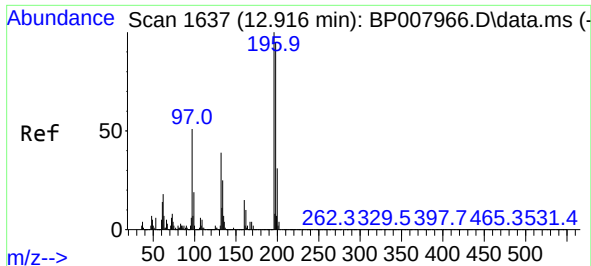
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#42
2,4,6-Tribromophenol
Concen: 145.627 ng
RT: 15.974 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:330 Resp: 837313
Ion Ratio Lower Upper
330 100
332 96.9 78.9 118.3
141 30.7 30.7 46.1#





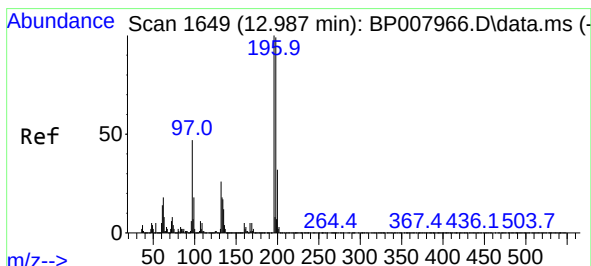
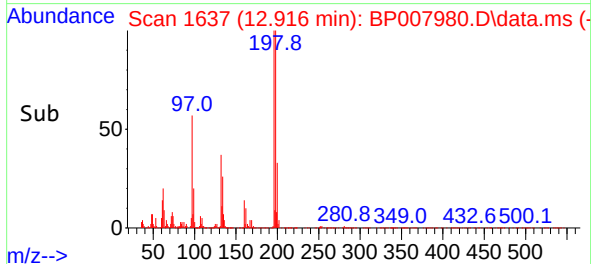
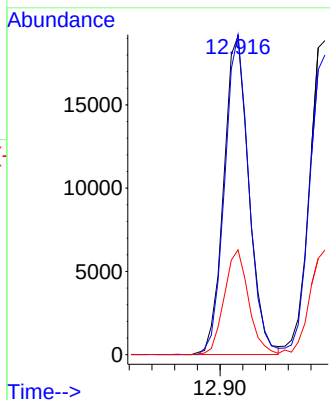
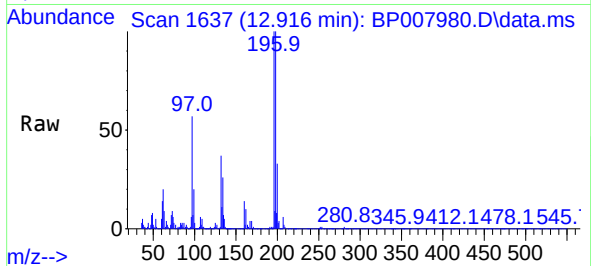
#43
2,4,6-Trichlorophenol
Concen: 3.524 ng
RT: 12.916 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:196 Resp: 2932
Ion Ratio Lower Upper
196 100
198 100.5 76.4 114.6
200 32.9 25.0 37.4

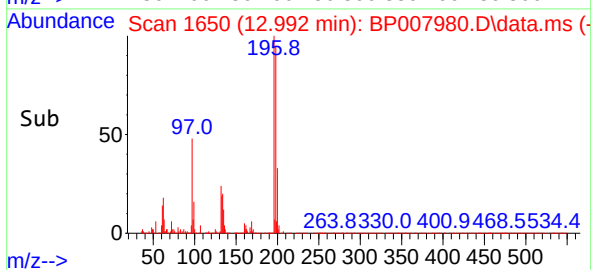
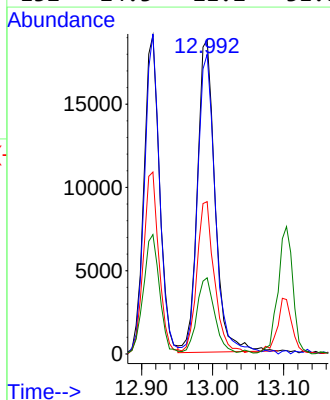
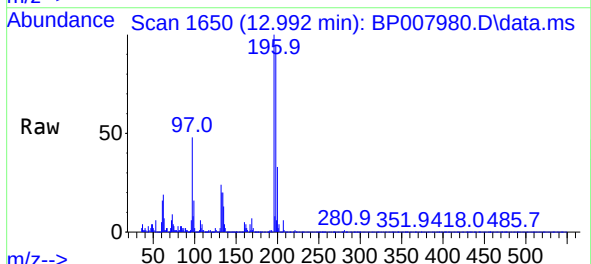
Manual Integrations
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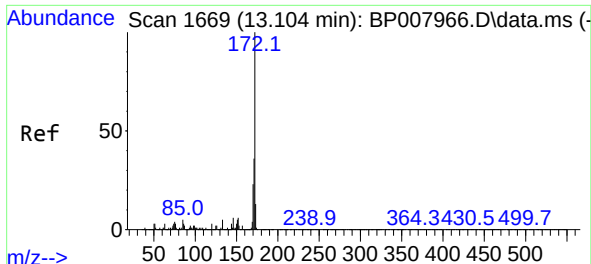
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#44
2,4,5-Trichlorophenol
Concen: 3.599 ng
RT: 12.992 min Scan# 1650
Delta R.T. 0.005 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:196 Resp: 32536
Ion Ratio Lower Upper
196 100
198 95.4 77.1 115.7
97 48.5 40.9 61.3
132 24.3 21.2 31.8





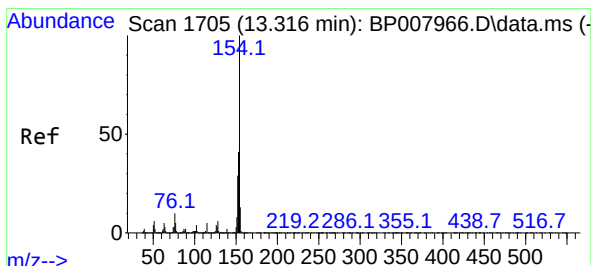
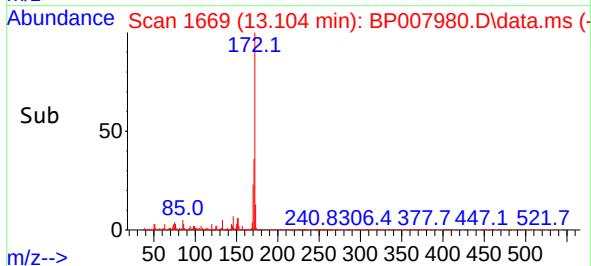
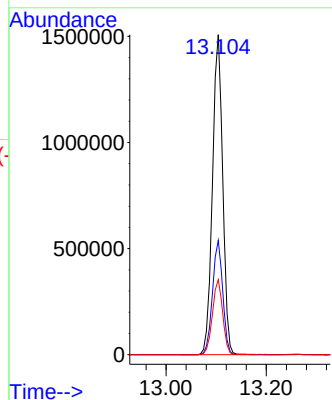
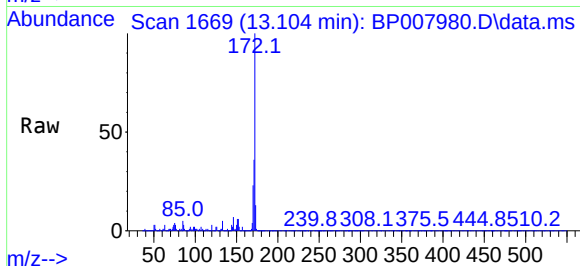
#45
2-Fluorobiphenyl
Concen: 82.144 ng
RT: 13.104 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:172 Resp: 2140014
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 19.0 28.4

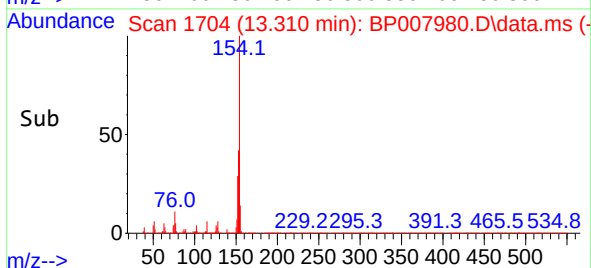
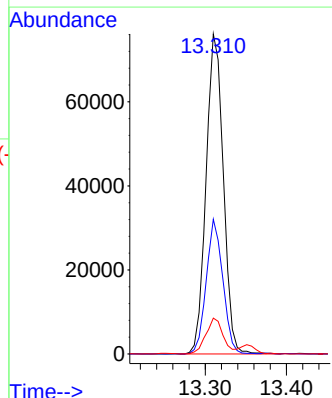
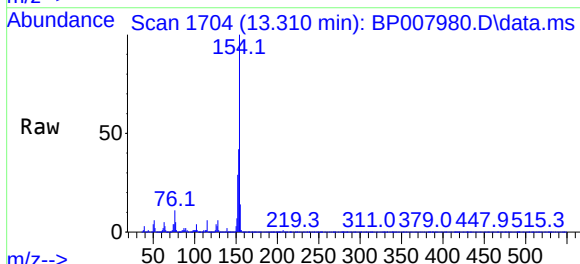
Manual Integrations
APPROVED

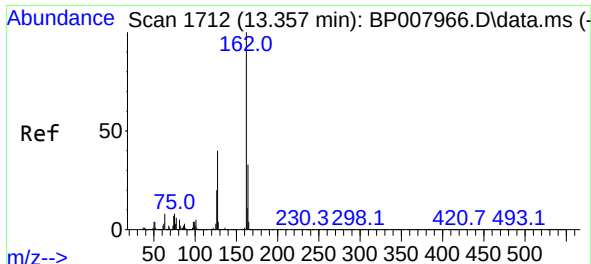
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#46
1,1'-Biphenyl
Concen: 4.111 ng
RT: 13.310 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:154 Resp: 112217
Ion Ratio Lower Upper
154 100
153 42.1 19.9 59.9
76 11.2 0.0 32.4





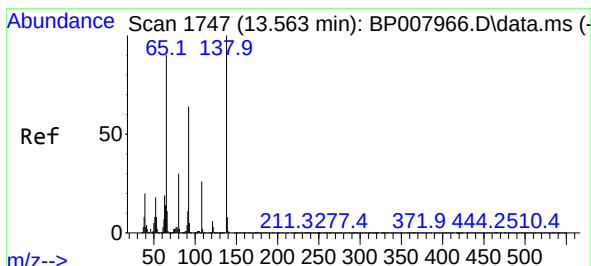
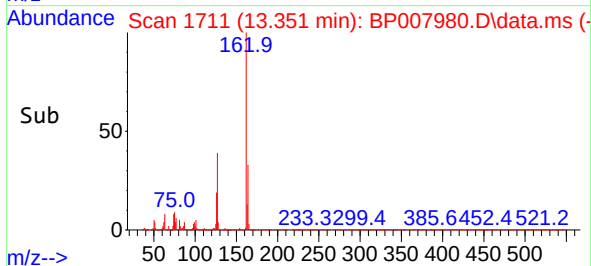
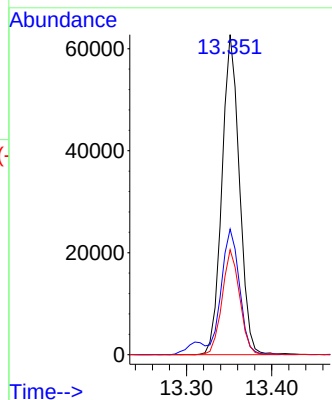
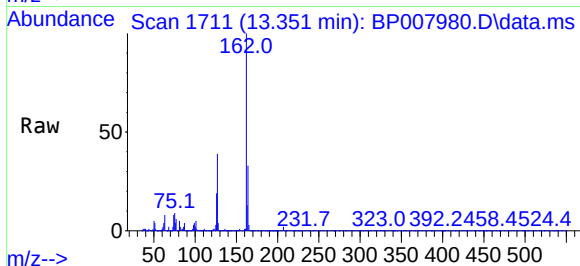
#47
2-Chloronaphthalene
Concen: 4.192 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:162 Resp: 89514
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 32.8 26.4 39.6

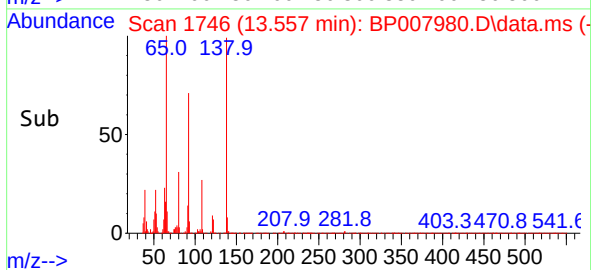
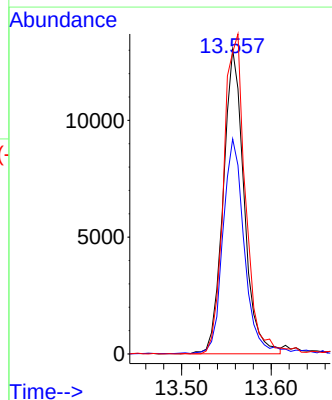
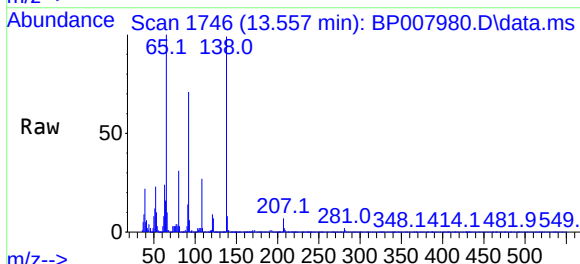
Manual Integrations
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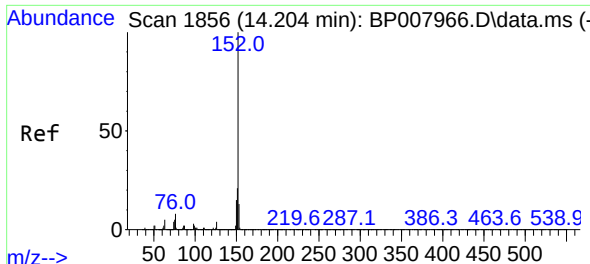
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#48
2-Nitroaniline
Concen: 3.470 ng
RT: 13.557 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 65 Resp: 21027
Ion Ratio Lower Upper
65 100
92 70.6 55.9 83.9
138 99.0 86.3 129.5





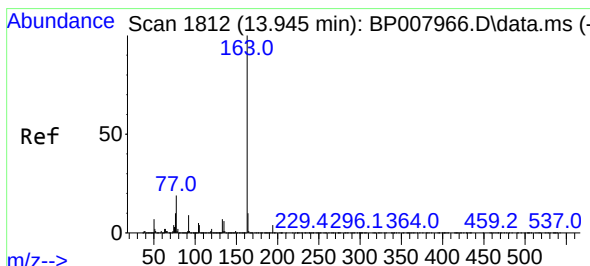
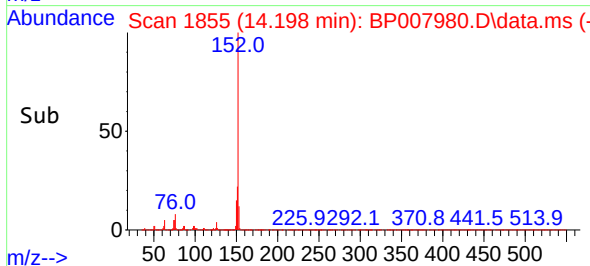
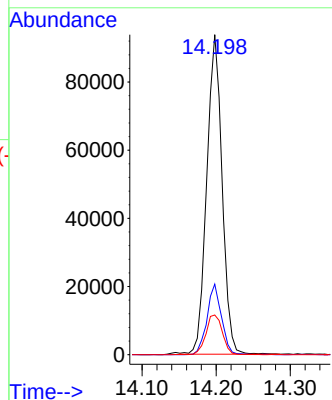
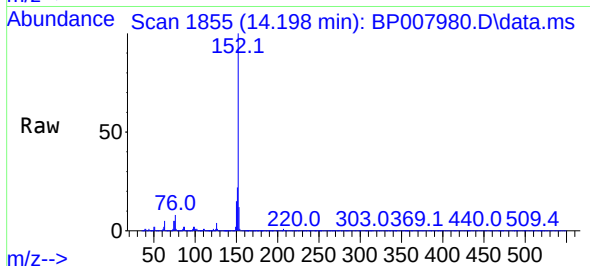
#49
Acenaphthylene
Concen: 4.151 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:152 Resp: 134814
Ion Ratio Lower Upper
152 100
151 22.1 15.8 23.6
153 12.4 10.2 15.2

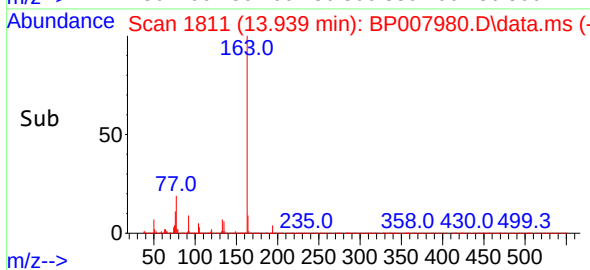
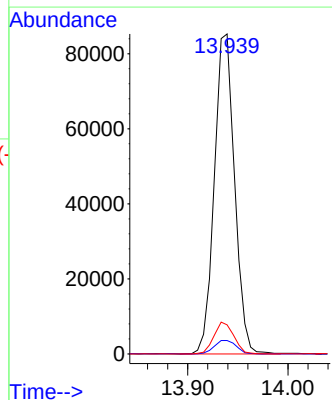
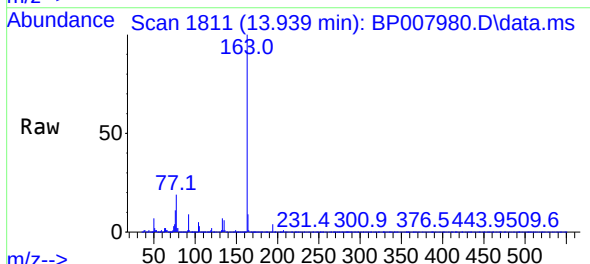
Manual Integrations
APPROVED

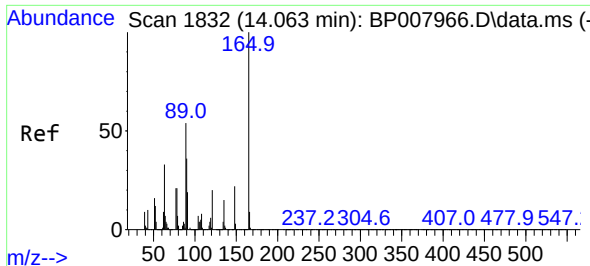
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#50
Dimethylphthalate
Concen: 4.140 ng
RT: 13.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:163 Resp: 119693
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.1 8.2 12.2





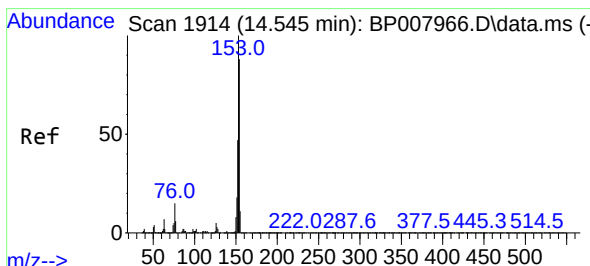
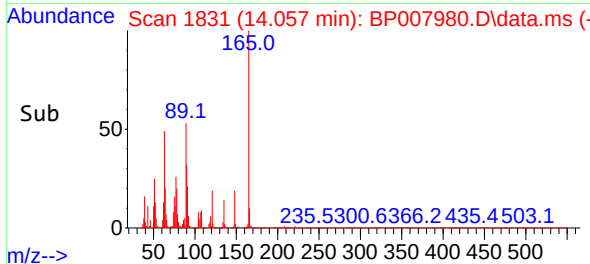
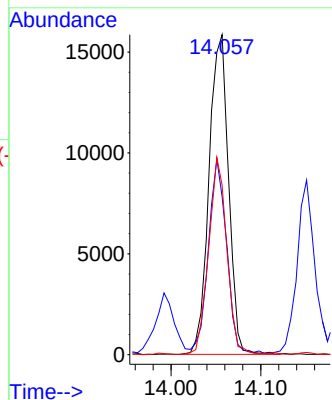
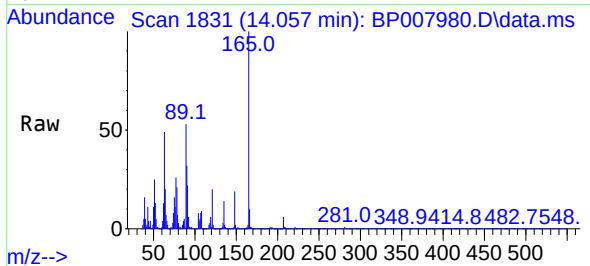
#51
2,6-Dinitrotoluene
Concen: 3.983 ng
RT: 14.057 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:165 Resp: 2392
Ion Ratio Lower Upper
165 100
63 49.3 44.2 66.2
89 53.0 46.6 70.0

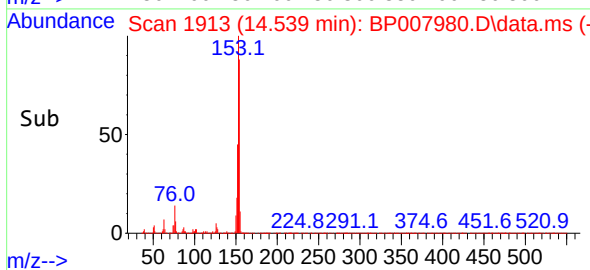
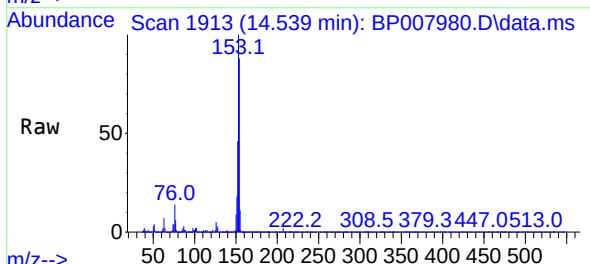
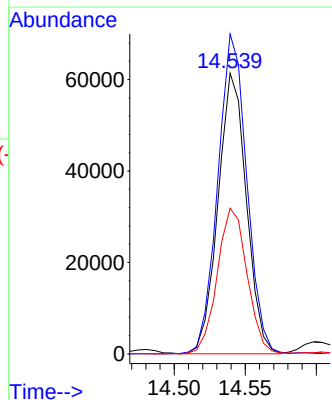
Manual Integrations
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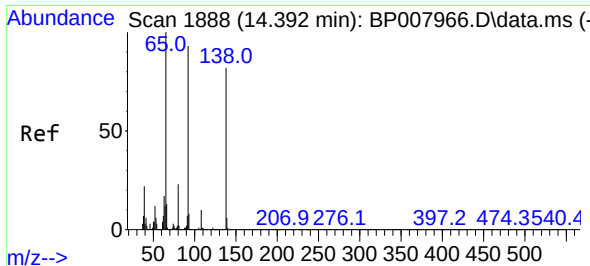
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#52
Acenaphthene
Concen: 4.381 ng
RT: 14.539 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

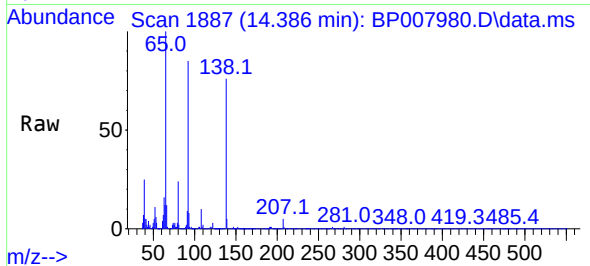
Tgt Ion:154 Resp: 85173
Ion Ratio Lower Upper
154 100
153 114.0 90.4 135.6
152 51.9 42.3 63.5





#53
3-Nitroaniline
Concen: 3.656 ng
RT: 14.386 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

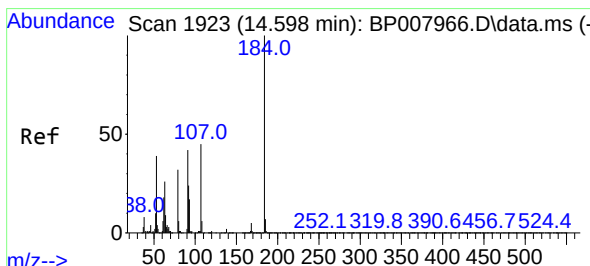
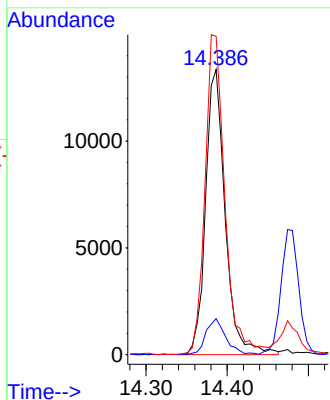
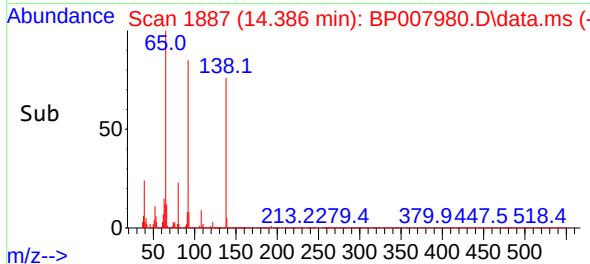
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:138 Resp: 22392
Ion Ratio Lower Upper
138 100
108 12.6 12.3 18.5
92 111.7 94.9 142.3

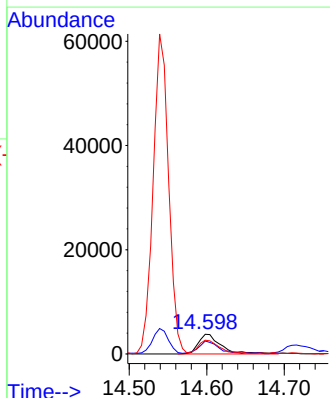
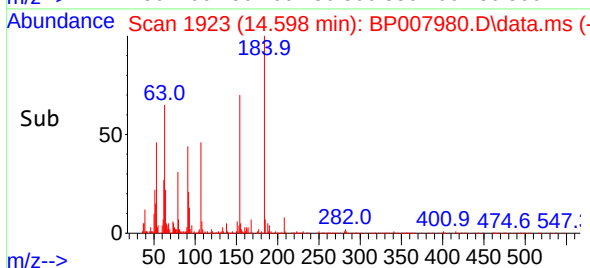
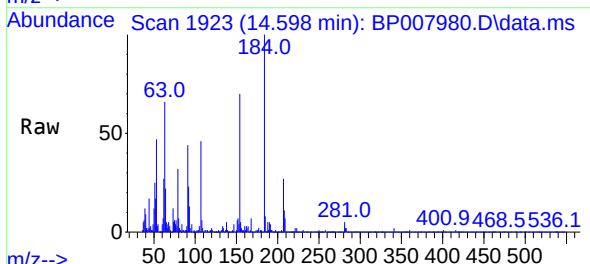
Manual Integrations
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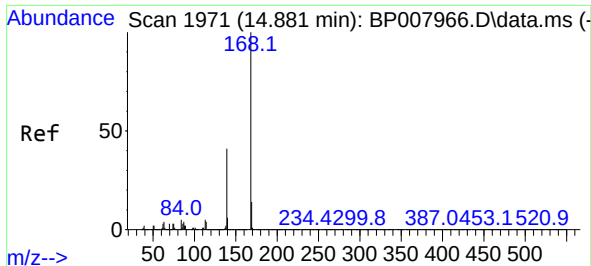
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#54
2,4-Dinitrophenol
Concen: 2.112 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

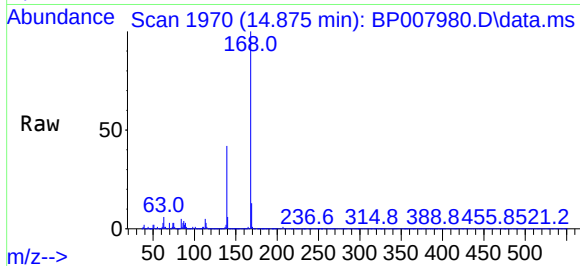
Tgt Ion:184 Resp: 7656
Ion Ratio Lower Upper
184 100
63 65.5 44.0 66.0
154 70.0 48.9 73.3





#55
Dibenzenofuran
Concen: 4.403 ng
RT: 14.875 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

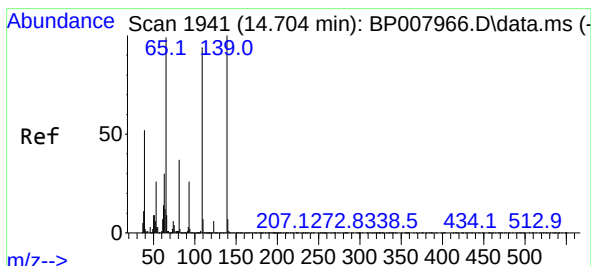
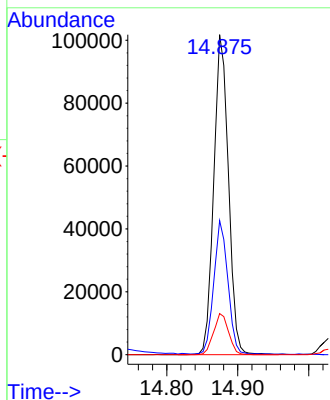
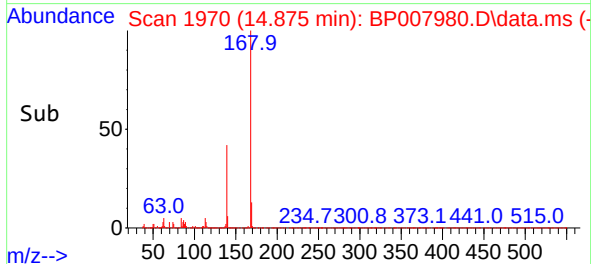
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



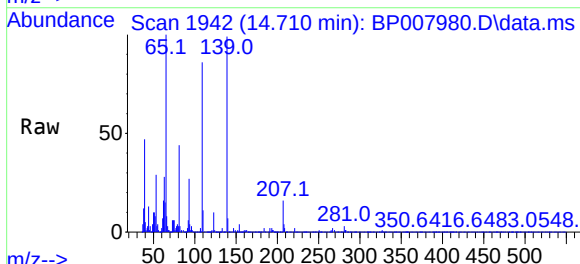
Tgt Ion:168 Resp: 145579
Ion Ratio Lower Upper
168 100
139 41.9 30.8 46.2
169 12.8 11.0 16.6

Manual Integrations
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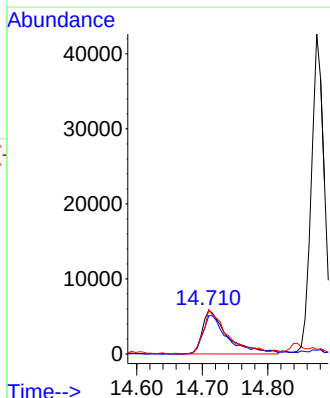
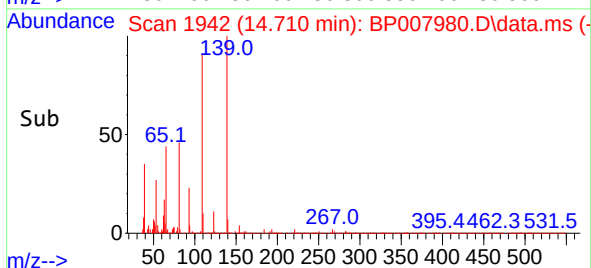
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

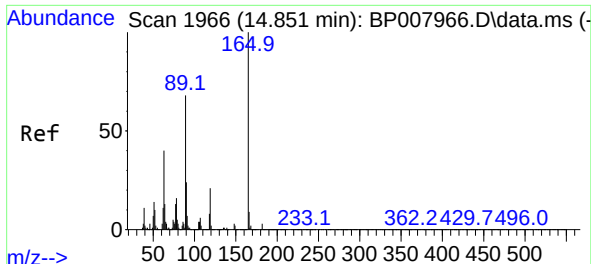


#56
4-Nitrophenol
Concen: 3.094 ng
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



Tgt Ion:139 Resp: 15442
Ion Ratio Lower Upper
139 100
109 87.6 60.9 100.9
65 101.4 76.5 116.5





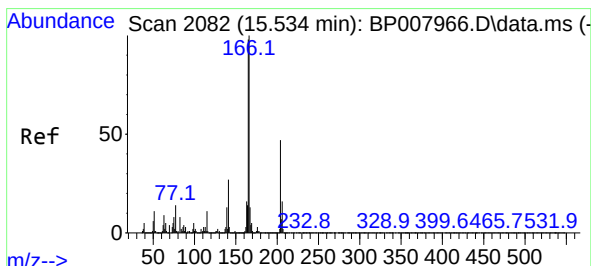
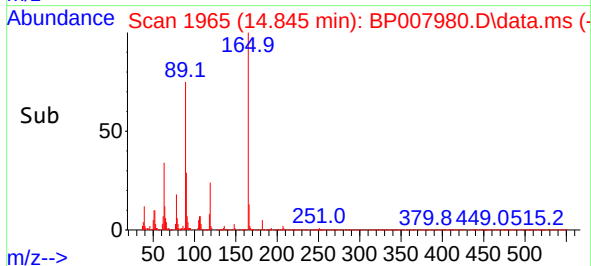
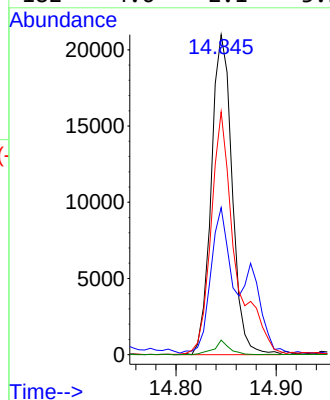
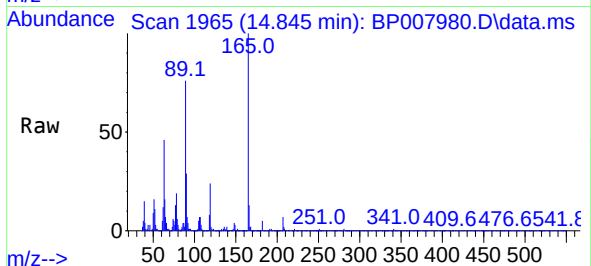
#57
2,4-Dinitrotoluene
Concen: 3.808 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:165 Resp: 3044
Ion Ratio Lower Upper
165 100
63 45.9 37.4 56.0
89 75.9 61.8 92.6
182 4.6 2.1 3.1#

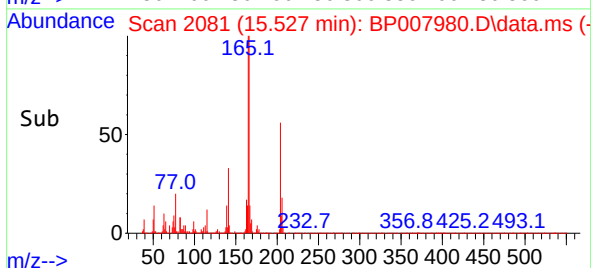
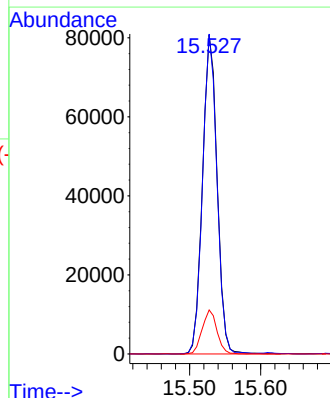
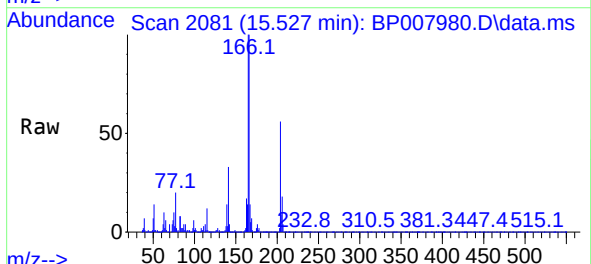
Manual Integrations
APPROVED

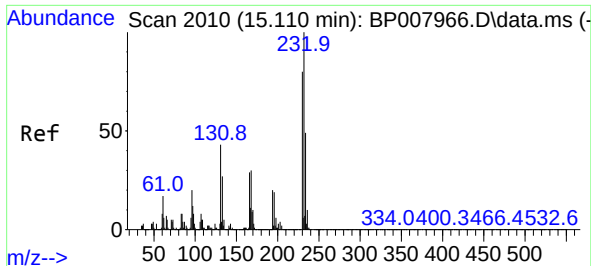
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#58
Fluorene
Concen: 4.395 ng
RT: 15.527 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

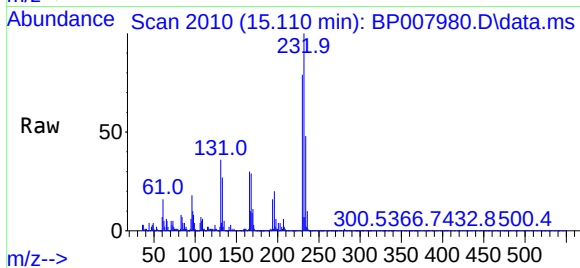
Tgt Ion:166 Resp: 115619
Ion Ratio Lower Upper
166 100
165 100.4 78.9 118.3
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.917 ng m
RT: 15.110 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

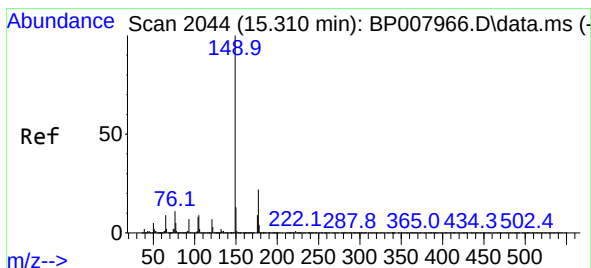
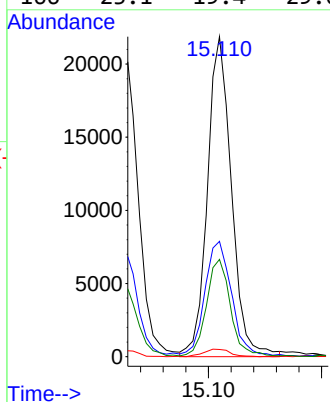
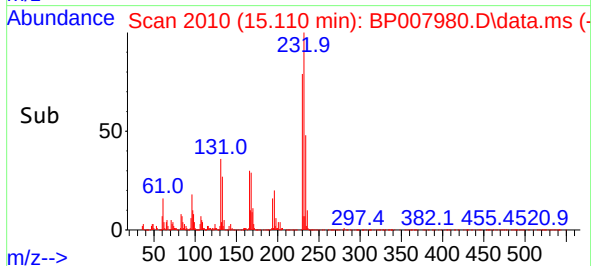
Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:232 Resp: 3225
Ion Ratio Lower Upper
232 100
131 34.6 30.3 45.5
130 2.2 1.8 2.8
166 23.1 19.4 29.0

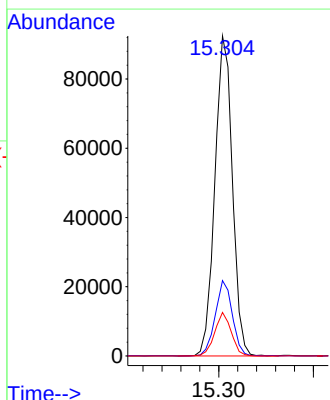
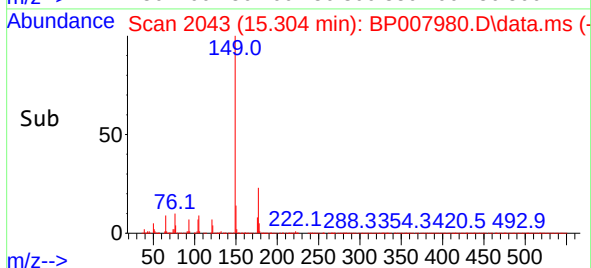
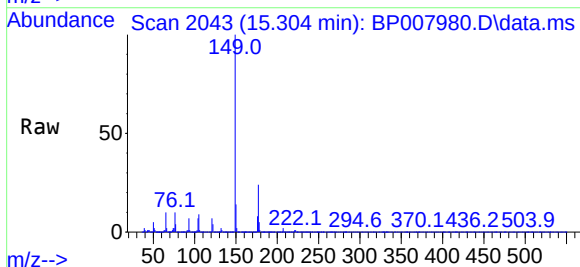
Manual Integrations
APPROVED

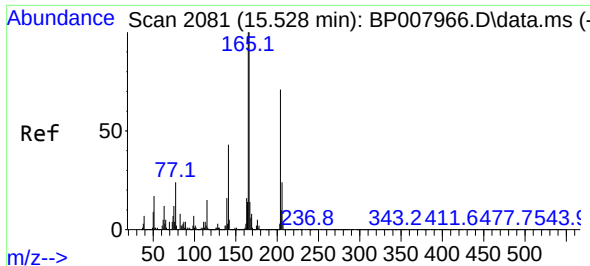
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#60
Diethylphthalate
Concen: 4.265 ng
RT: 15.304 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:149 Resp: 118855
Ion Ratio Lower Upper
149 100
177 23.5 17.8 26.8
150 13.6 10.2 15.2





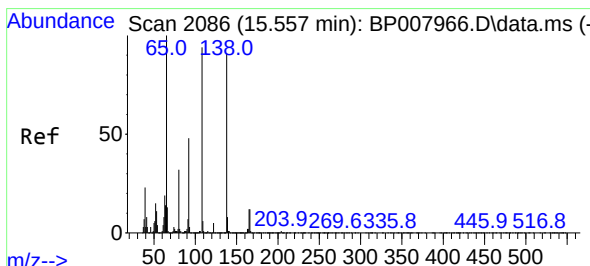
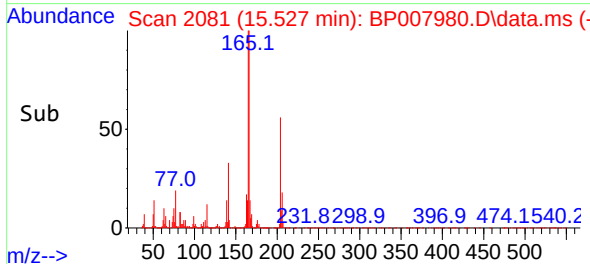
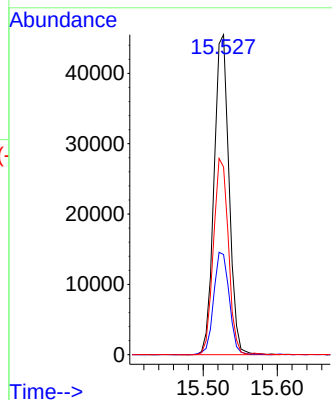
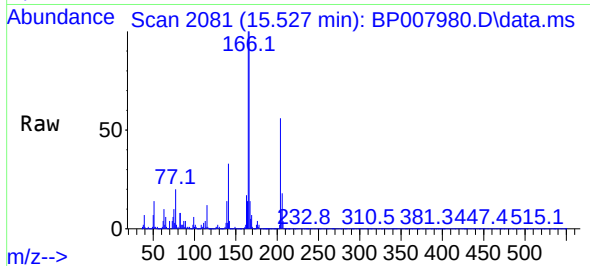
#61
4-Chlorophenyl-phenylether
Concen: 4.484 ng
RT: 15.527 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:204 Resp: 63790
Ion Ratio Lower Upper
204 100
206 31.3 25.8 38.8
141 58.6 48.8 73.2

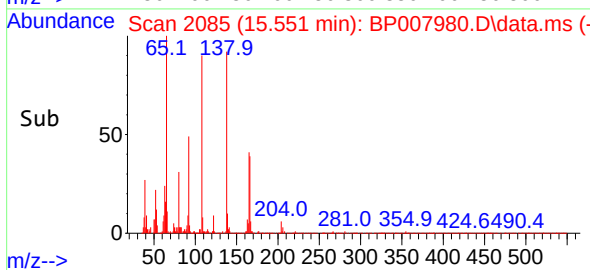
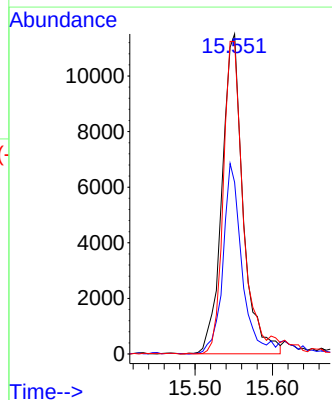
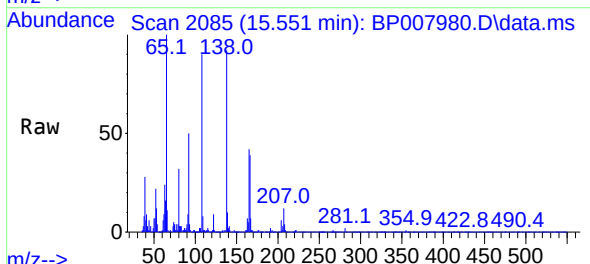
Manual Integrations
APPROVED

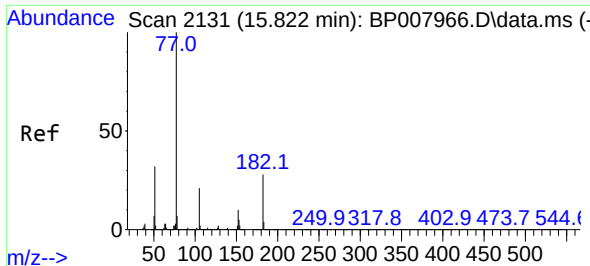
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#62
4-Nitroaniline
Concen: 3.459 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:138 Resp: 21770
Ion Ratio Lower Upper
138 100
92 53.7 30.7 70.7
108 97.6 71.2 111.2





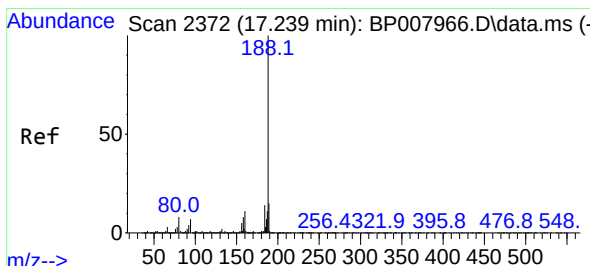
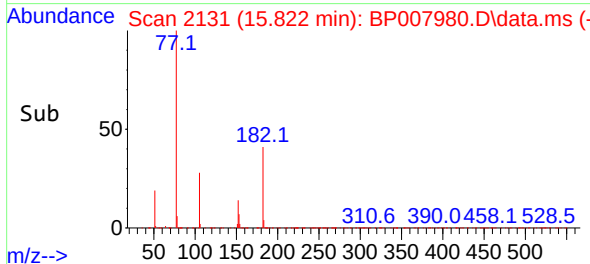
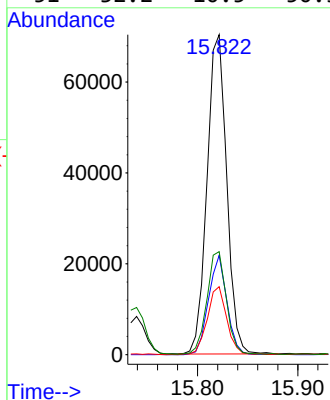
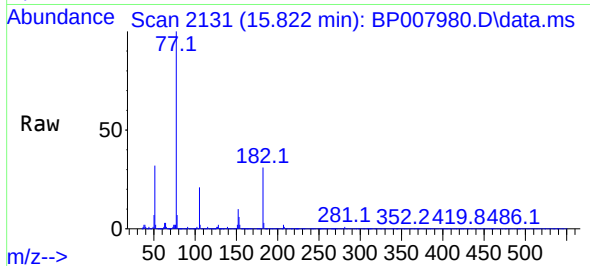
#63
Azobenzene
Concen: 4.094 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 77	Resp: 9604
Ion Ratio	Lower Upper
77 100	
182 31.1	6.5 46.5
105 21.3	1.3 41.3
51 32.2	10.5 50.5

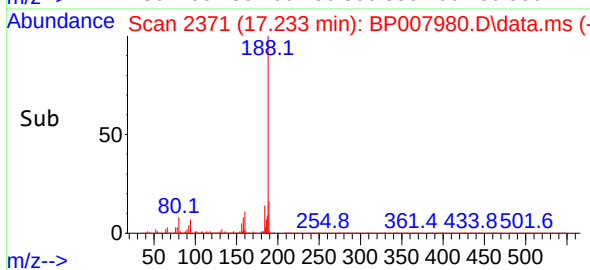
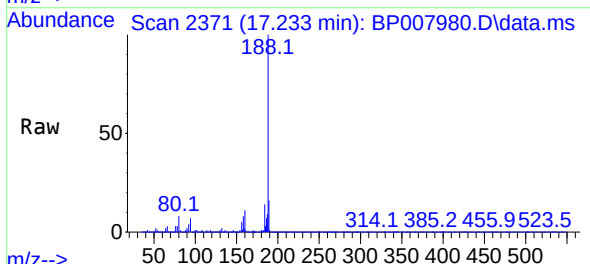
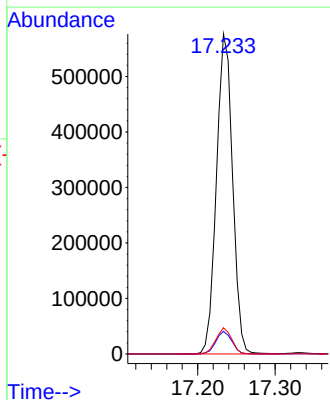
Manual Integrations
APPROVED

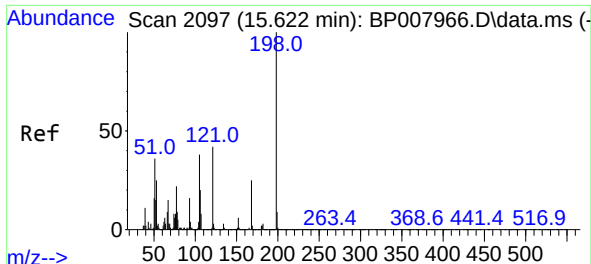
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:188	Resp: 832793
Ion Ratio	Lower Upper
188 100	
94 7.0	7.1 10.7#
80 8.2	7.8 11.6





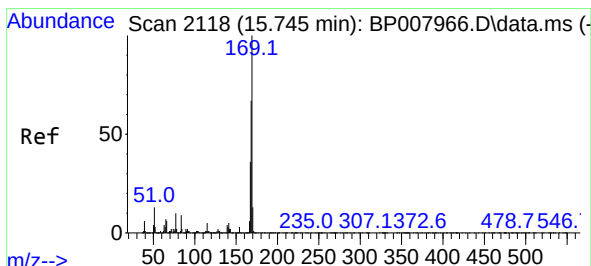
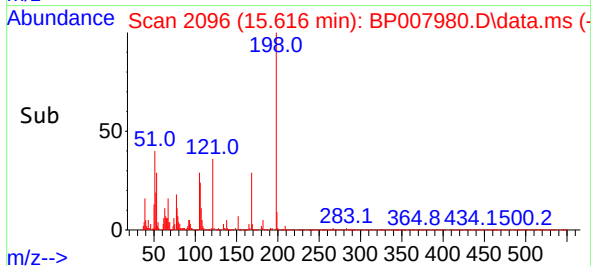
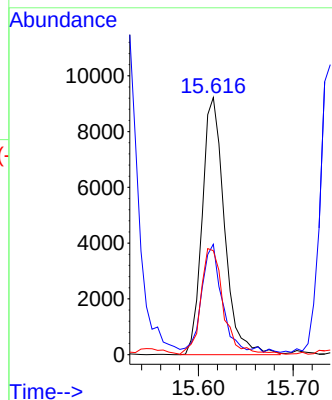
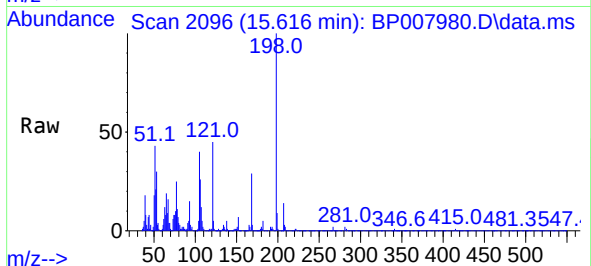
#65
4,6-Dinitro-2-methylphenol
Concen: 2.765 ng
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:198 Resp: 15092
Ion Ratio Lower Upper
198 100
51 42.9 23.8 63.8
105 40.4 24.6 64.6

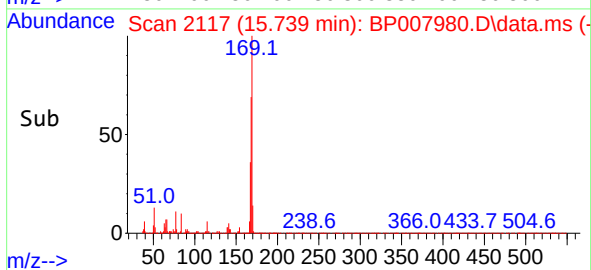
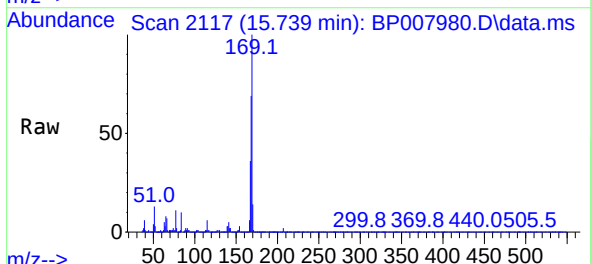
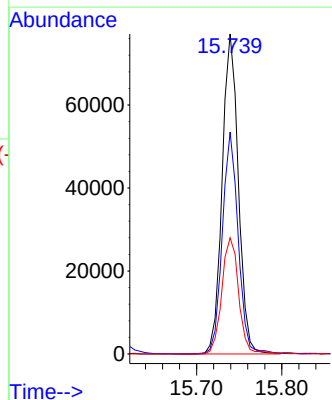
Manual Integrations
APPROVED

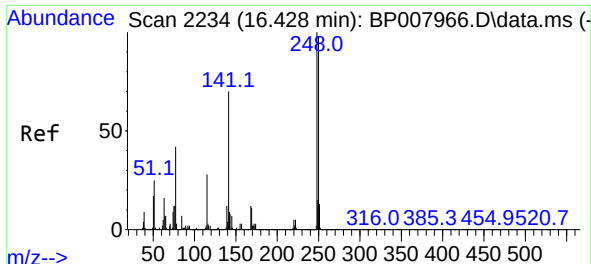
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#66
n-Nitrosodiphenylamine
Concen: 4.274 ng
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

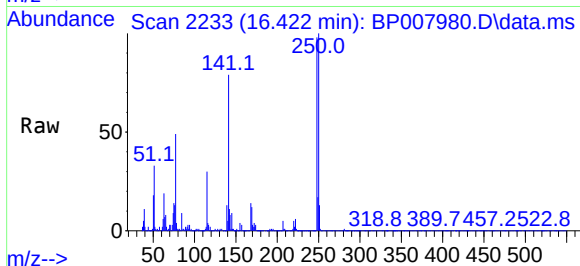
Tgt Ion:169 Resp: 101879
Ion Ratio Lower Upper
169 100
168 69.3 52.7 79.1
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.123 ng
RT: 16.422 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

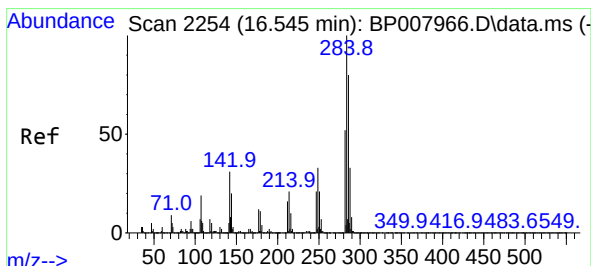
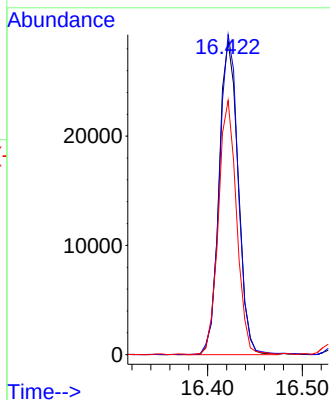
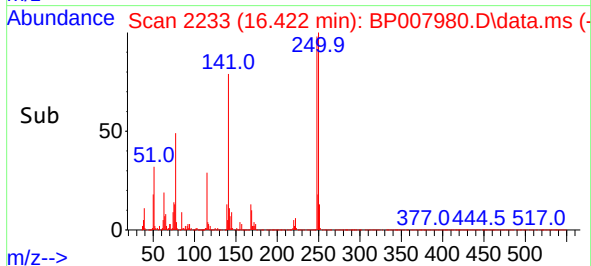
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



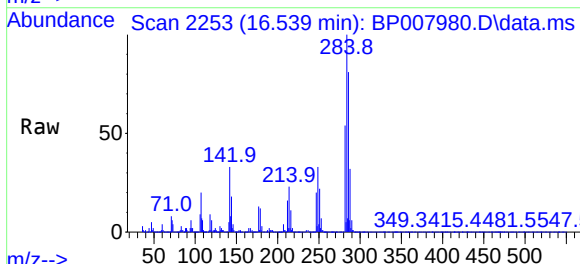
Tgt Ion:248 Resp: 40160
Ion Ratio Lower Upper
248 100
250 102.2 78.2 117.2
141 81.2 60.8 91.2

Manual Integrations
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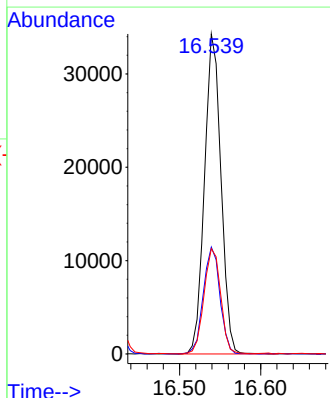
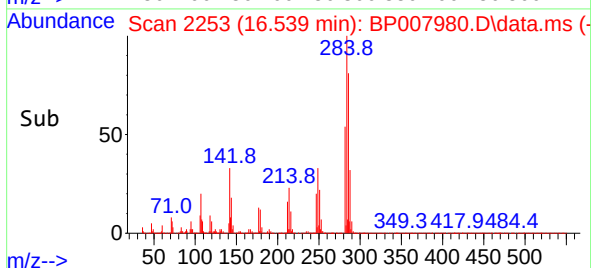
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

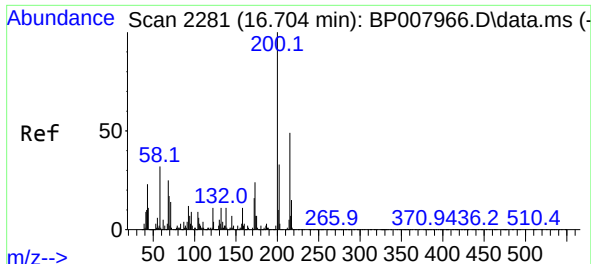


#68
Hexachlorobenzene
Concen: 4.402 ng
RT: 16.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26



Tgt Ion:284 Resp: 48287
Ion Ratio Lower Upper
284 100
142 33.4 30.6 46.0
249 32.9 26.6 40.0





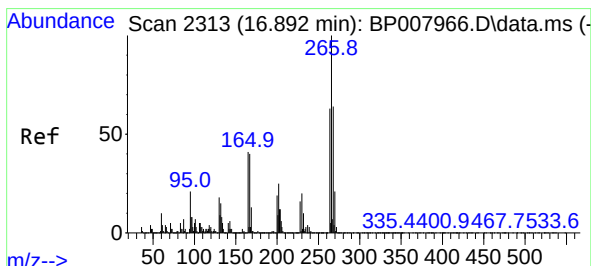
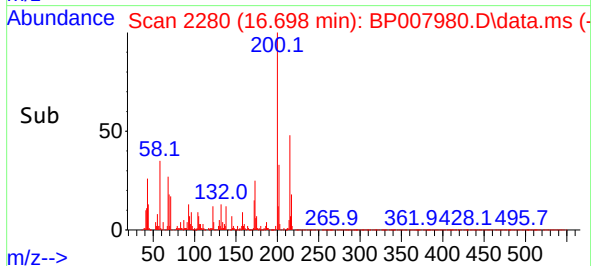
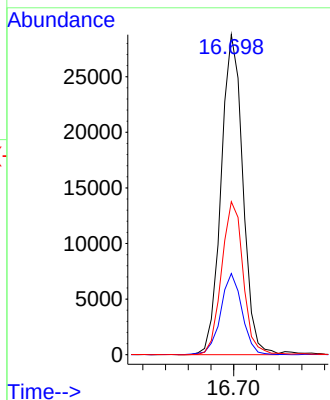
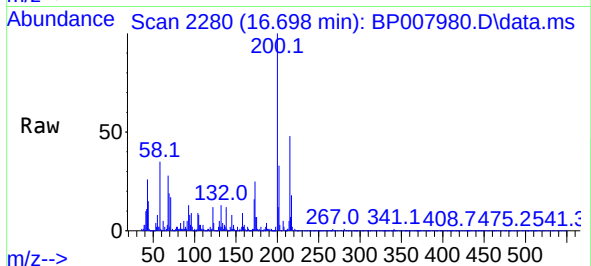
#69
Atrazine
Concen: 6.143 ng
RT: 16.698 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:200 Resp: 38170
Ion Ratio Lower Upper
200 100
173 25.3 6.2 46.2
215 47.8 28.2 68.2

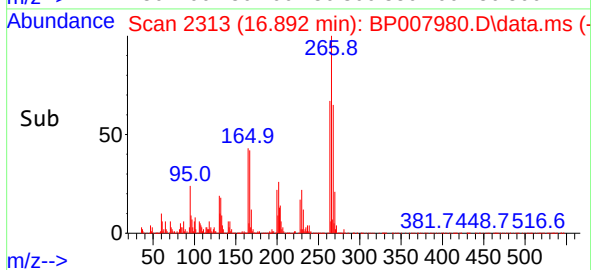
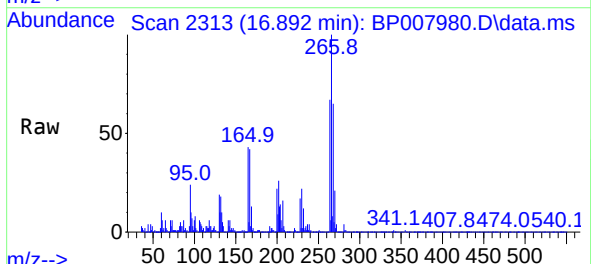
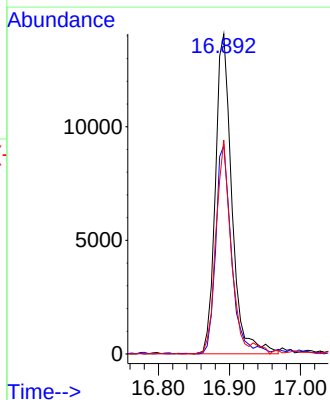
Manual Integrations
APPROVED

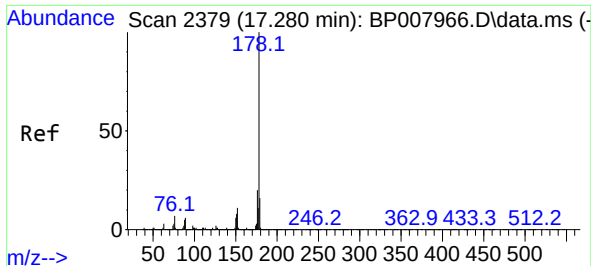
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#70
Pentachlorophenol
Concen: 3.383 ng
RT: 16.892 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:266 Resp: 22631
Ion Ratio Lower Upper
266 100
268 65.1 49.3 73.9
264 66.8 48.7 73.1





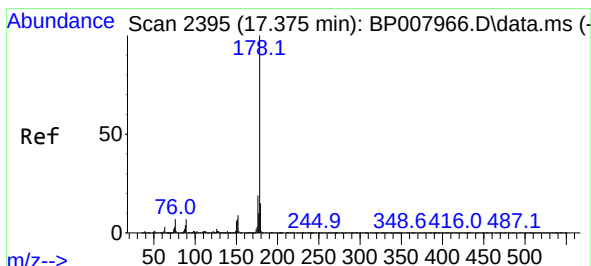
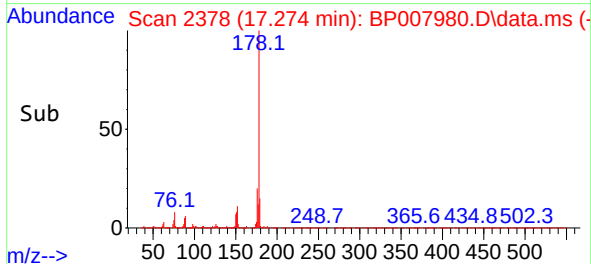
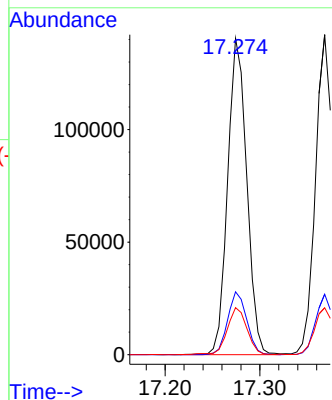
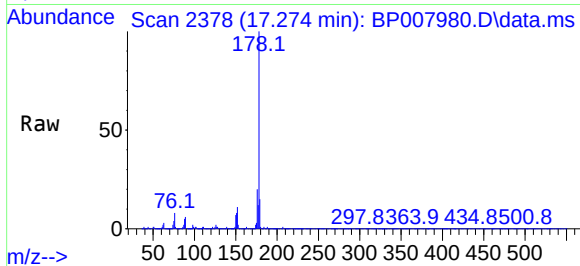
#71
Phenanthrene
Concen: 4.442 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:178 Resp: 197075
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 14.9 12.3 18.5

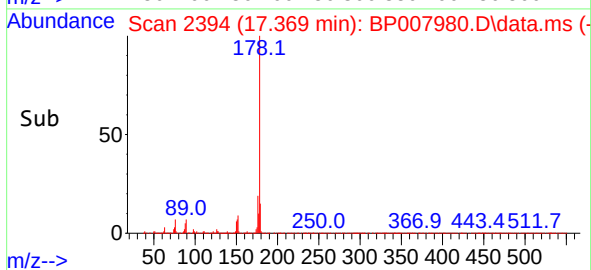
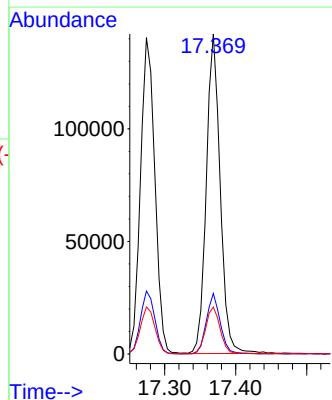
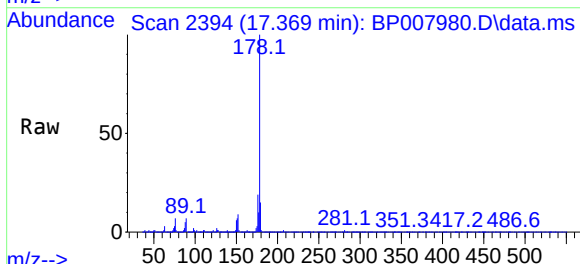
Manual Integrations
APPROVED

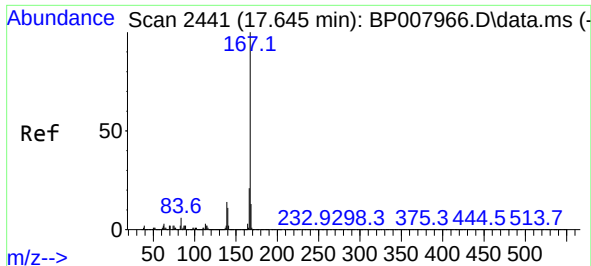
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#72
Anthracene
Concen: 4.444 ng
RT: 17.369 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

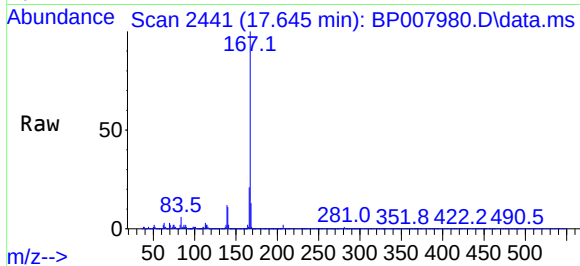
Tgt Ion:178 Resp: 193300
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 14.7 12.2 18.4





#73
 Carbazole
 Concen: 3.977 ng
 RT: 17.645 min Scan# 2441
 Delta R.T. -0.000 min
 Lab File: BP007980.D
 Acq: 15 Nov 2021 11:26

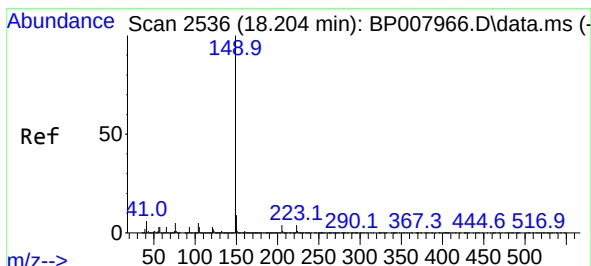
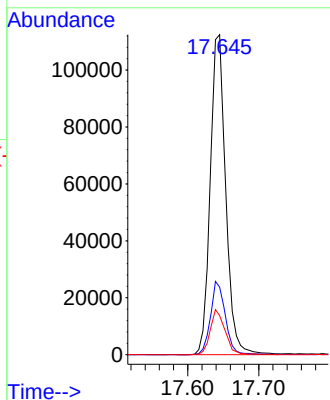
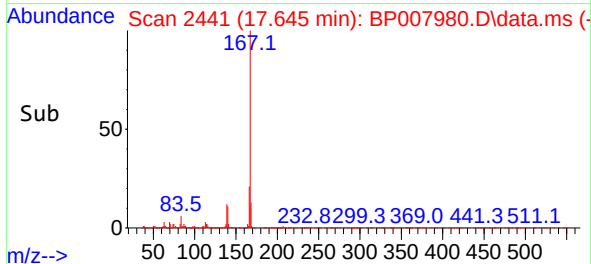
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



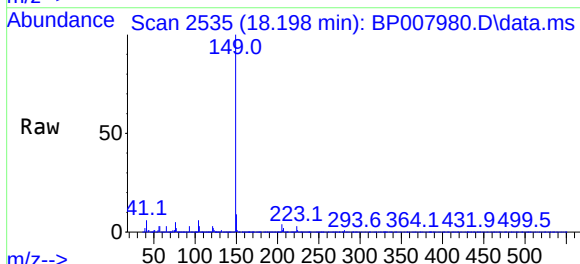
Tgt Ion:167 Resp: 170344
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.2 10.4 15.6

Manual Integrations
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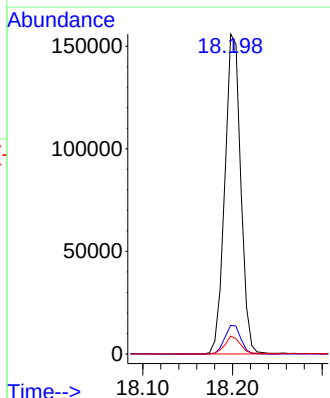
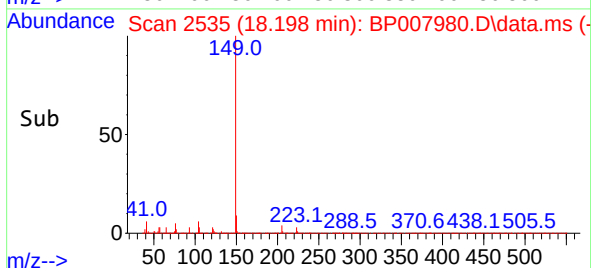
Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

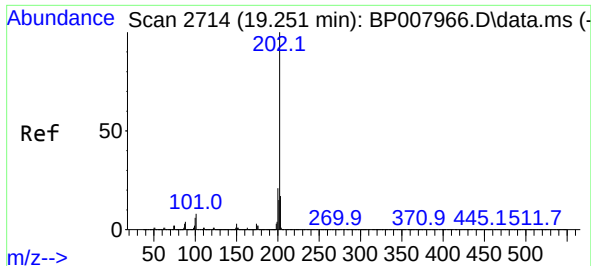


#74
 Di-n-butylphthalate
 Concen: 3.958 ng
 RT: 18.198 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BP007980.D
 Acq: 15 Nov 2021 11:26



Tgt Ion:149 Resp: 191860
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 5.6 4.2 6.4





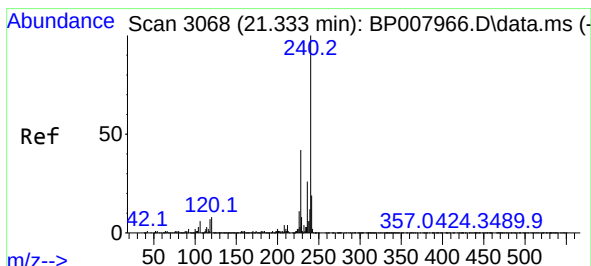
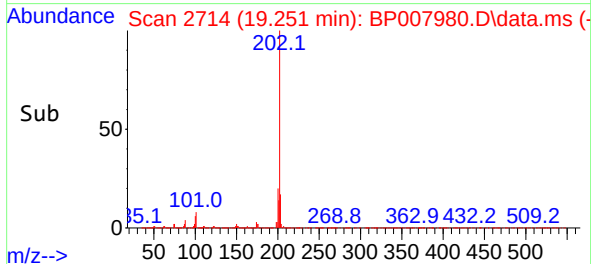
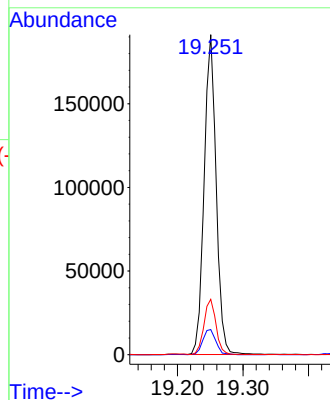
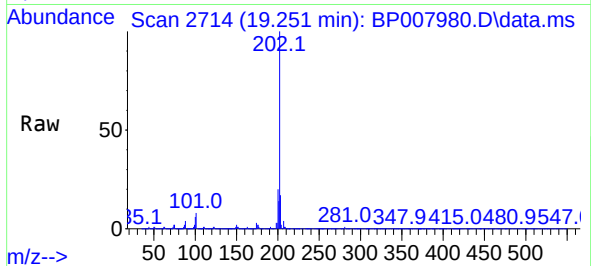
#75
Fluoranthene
Concen: 4.343 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:202 Resp: 243950
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.4
203 17.3 0.0 37.6

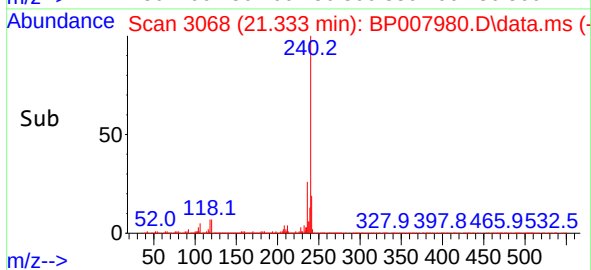
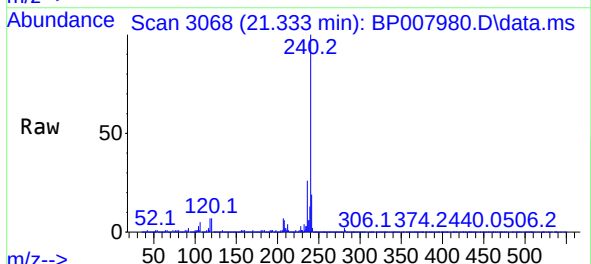
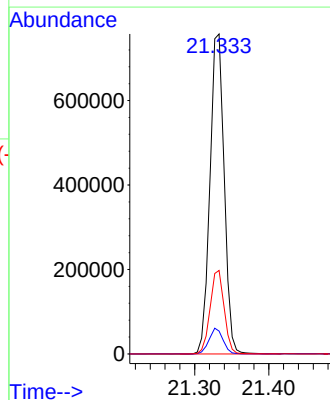
Manual Integrations
APPROVED

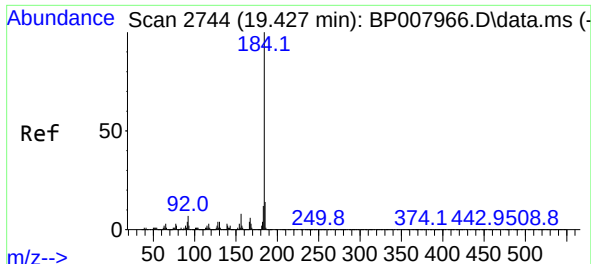
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

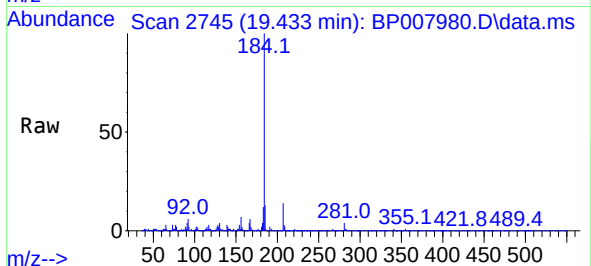
Tgt Ion:240 Resp: 1012128
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.8#
236 26.1 20.6 30.8





#77
Benzidine
Concen: 6.991 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

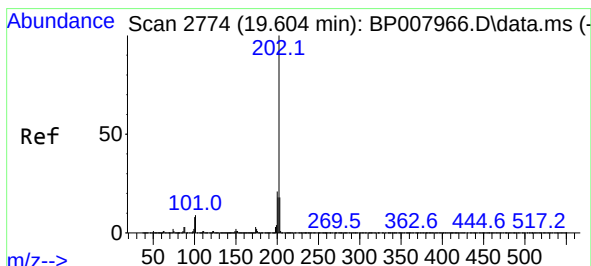
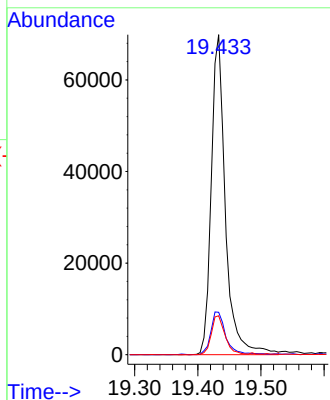
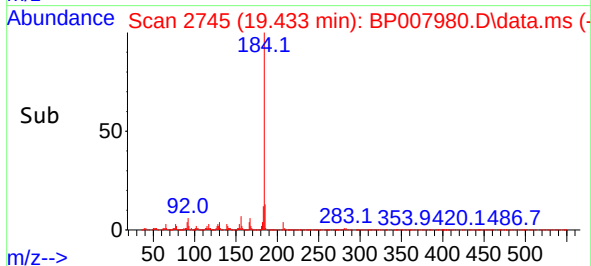
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:184 Resp: 108560
Ion Ratio Lower Upper
184 100
185 13.3 11.2 16.8
183 12.1 9.1 13.7

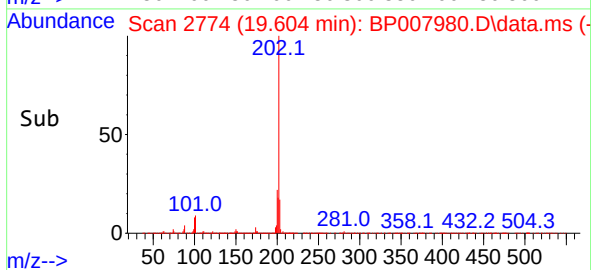
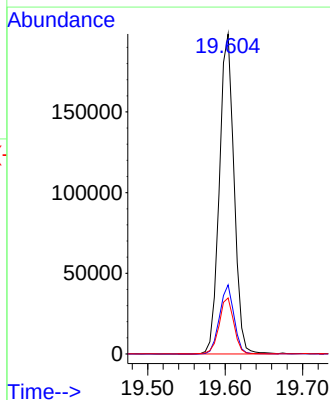
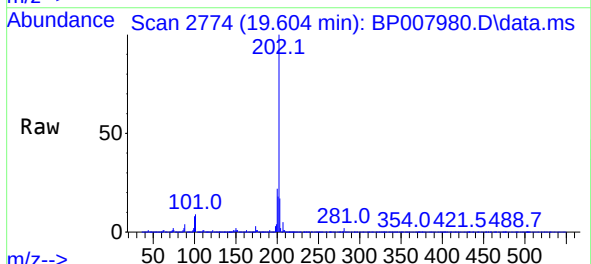
Manual Integrations
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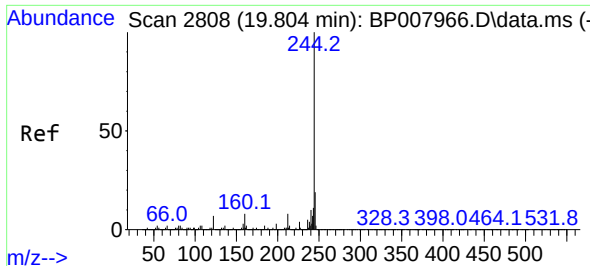
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#78
Pyrene
Concen: 4.312 ng
RT: 19.604 min Scan# 2774
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

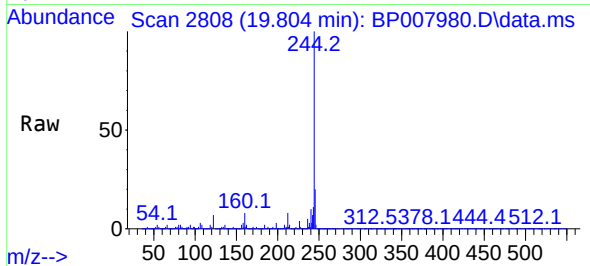
Tgt Ion:202 Resp: 261013
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.5 13.8 20.6





#79
Terphenyl-d14
Concen: 73.187 ng
RT: 19.804 min Scan# 2808
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

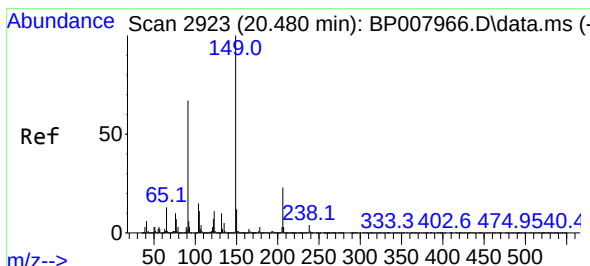
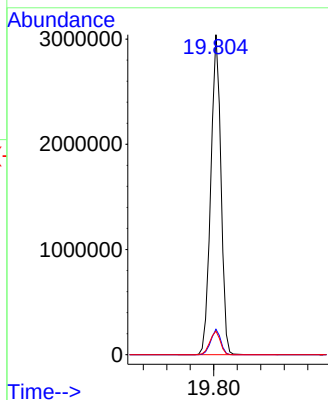
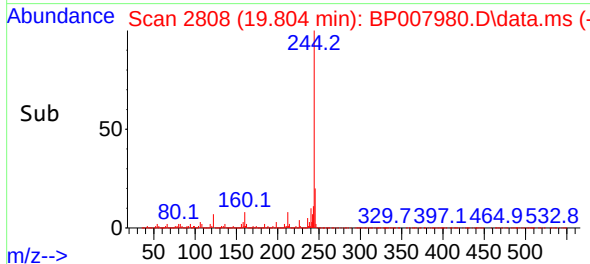
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:244 Resp: 3653129
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 7.3 7.8 11.8

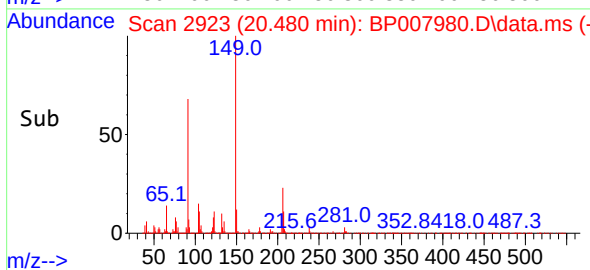
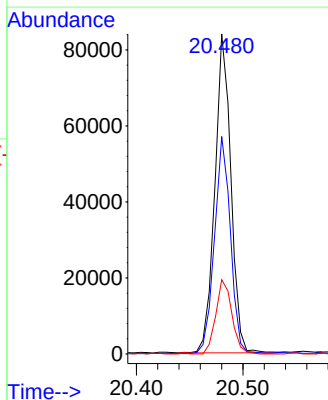
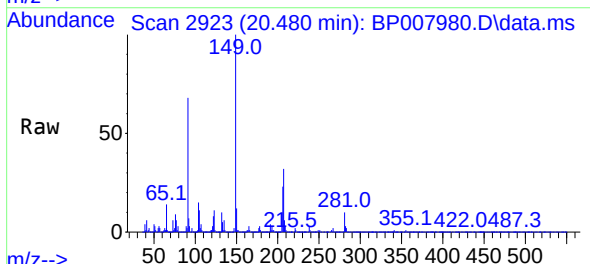
Manual Integrations
APPROVED

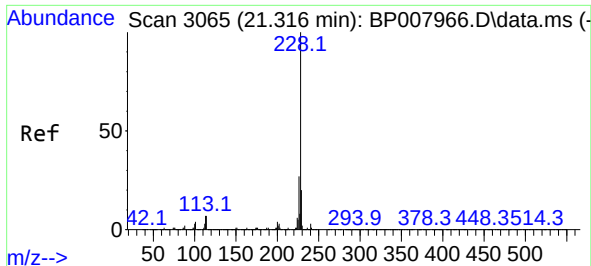
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#80
Butylbenzylphthalate
Concen: 3.514 ng
RT: 20.480 min Scan# 2923
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

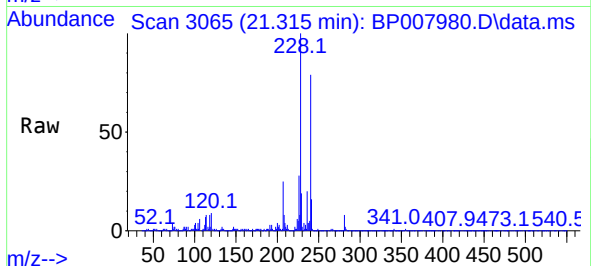
Tgt Ion:149 Resp: 87813
Ion Ratio Lower Upper
149 100
91 67.9 56.6 85.0
206 23.2 17.4 26.2





#81
Benzo(a)anthracene
Concen: 4.172 ng
RT: 21.315 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

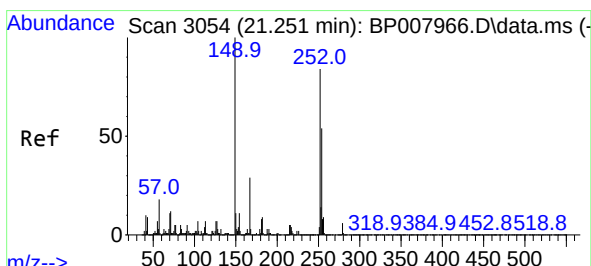
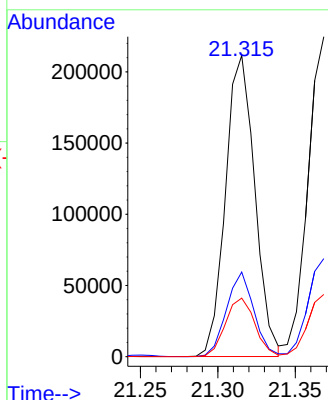
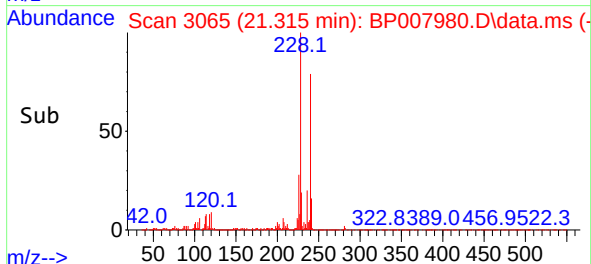
Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:228 Resp: 277978
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 19.5 15.7 23.5

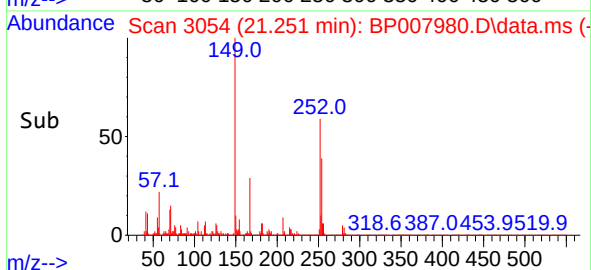
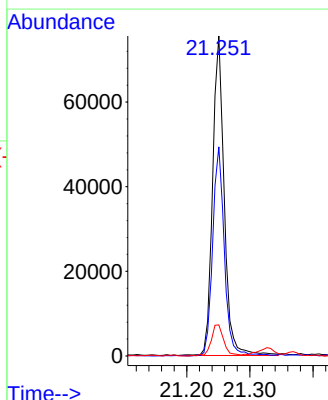
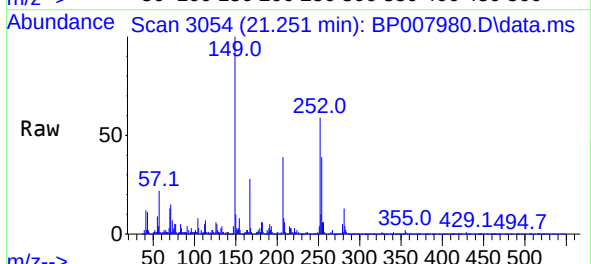
Manual Integrations
APPROVED

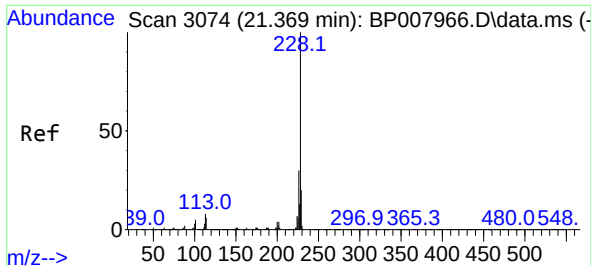
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#82
3,3'-Dichlorobenzidine
Concen: 3.138 ng
RT: 21.251 min Scan# 3054
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

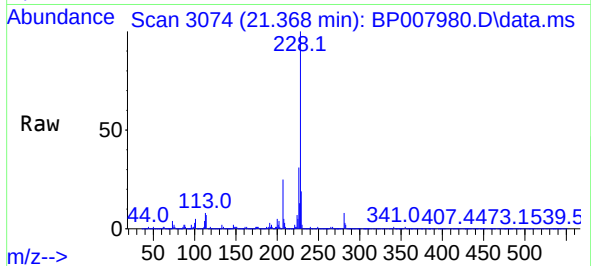
Tgt Ion:252 Resp: 96508
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 9.7 8.5 12.7





#83
Chrysene
Concen: 4.403 ng
RT: 21.368 min Scan# 3074
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

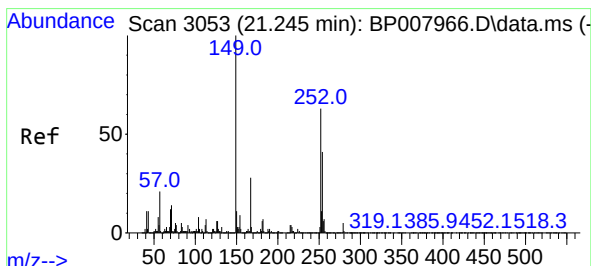
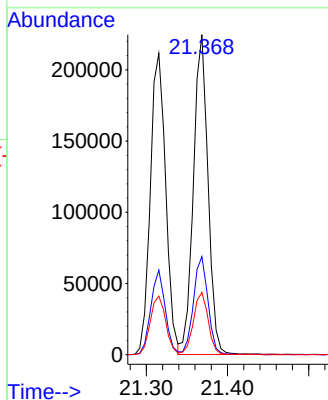
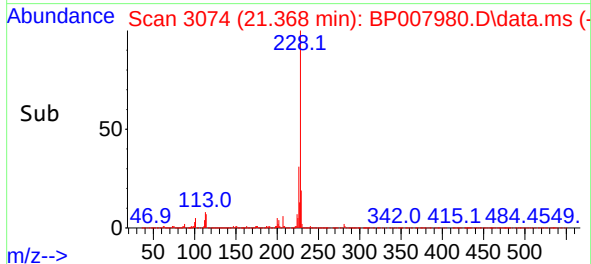
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:228 Resp: 281220
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.5 15.7 23.5

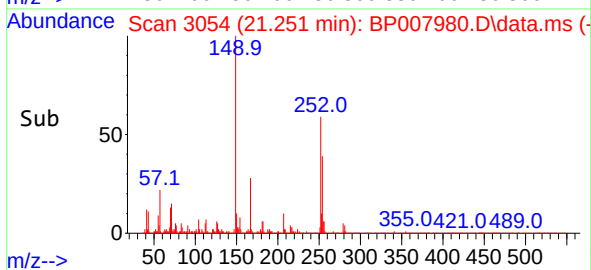
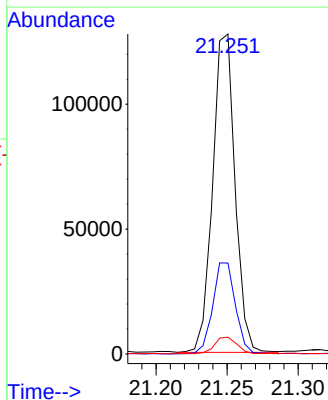
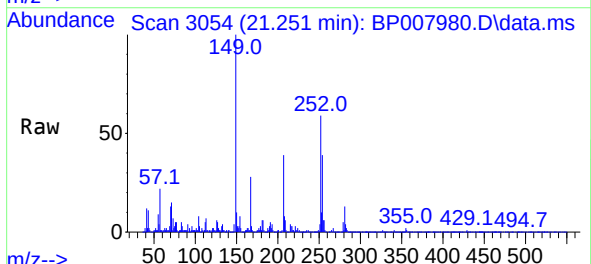
Manual Integrations
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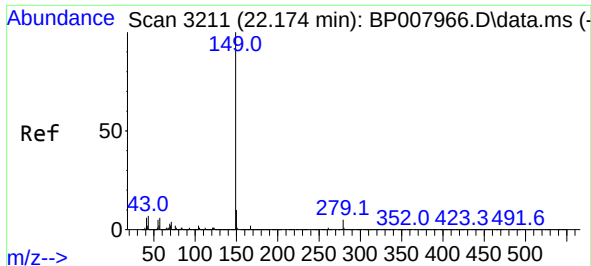
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.911 ng
RT: 21.251 min Scan# 3054
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

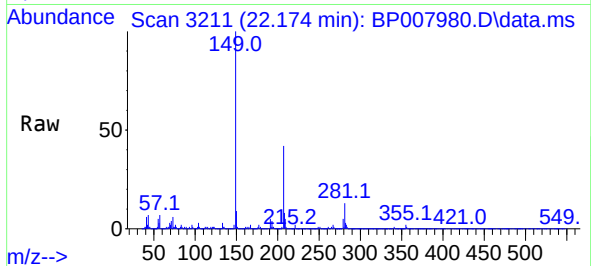
Tgt Ion:149 Resp: 139554
Ion Ratio Lower Upper
149 100
167 28.4 21.6 32.4
279 5.3 3.3 4.9#





#85
Di-n-octyl phthalate
Concen: 3.662 ng
RT: 22.174 min Scan# 3211
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

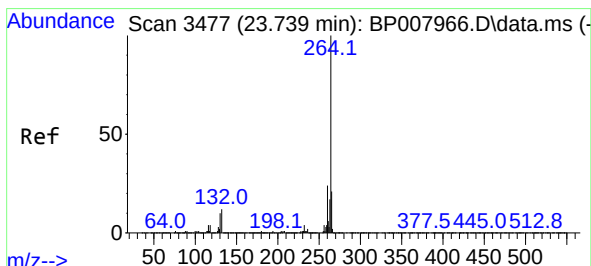
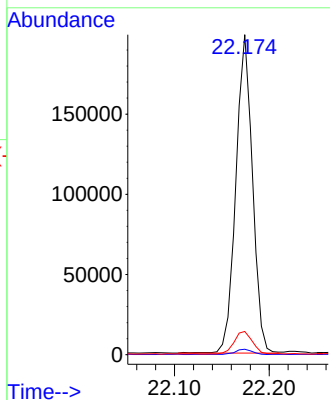
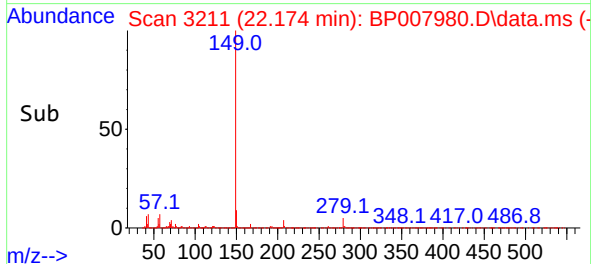
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:149 Resp: 240779
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 7.3 10.9

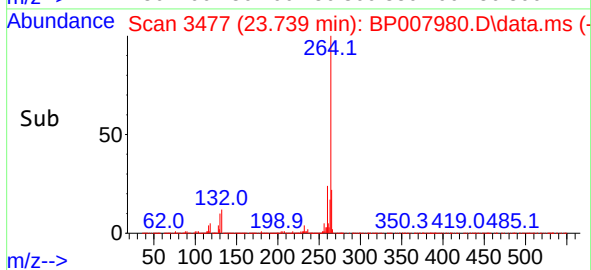
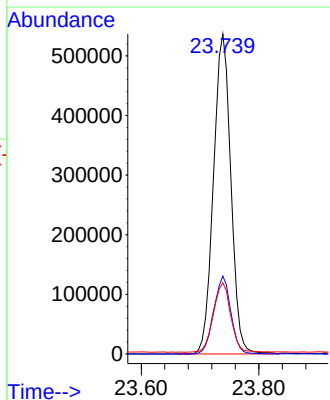
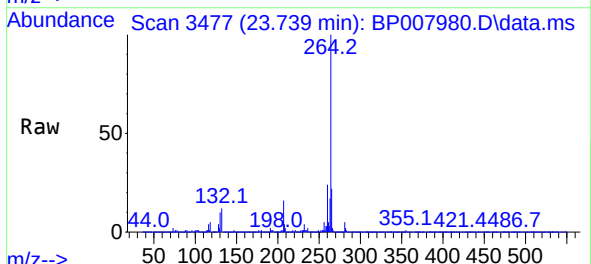
Manual Integrations
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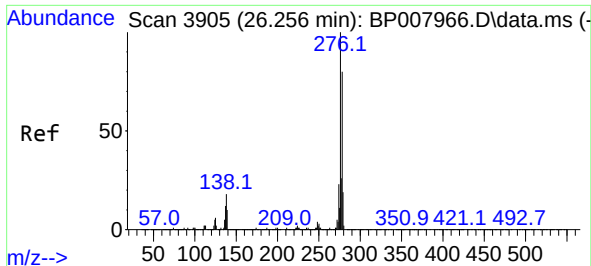
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3477
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:264 Resp: 1101601
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.2 16.7 25.1





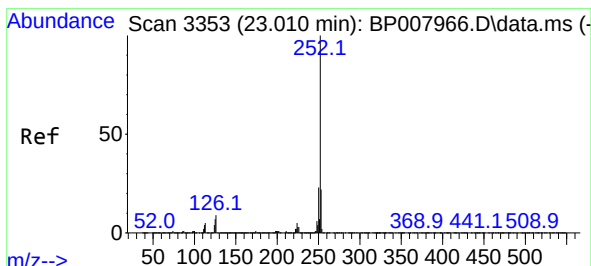
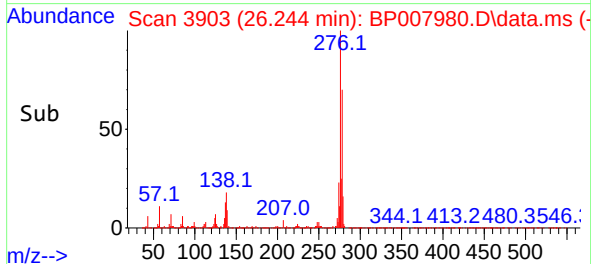
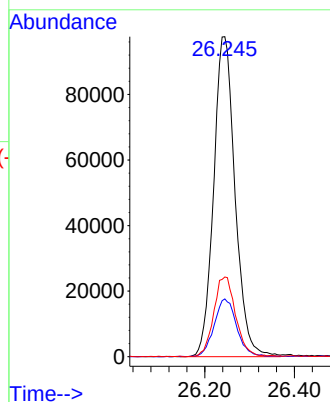
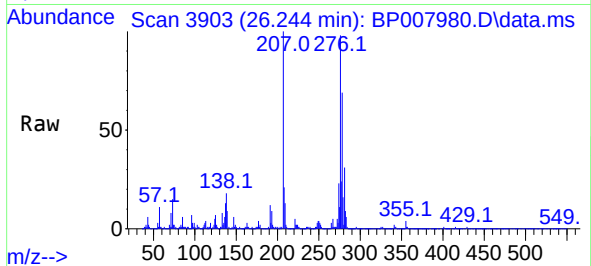
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.078 ng
RT: 26.244 min Scan# 3905
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:276 Resp: 324310
Ion Ratio Lower Upper
276 100
138 18.9 19.4 29.0
277 25.7 20.2 30.2

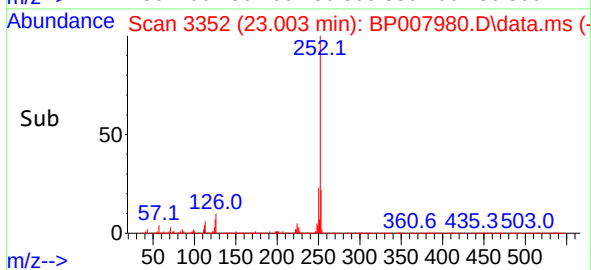
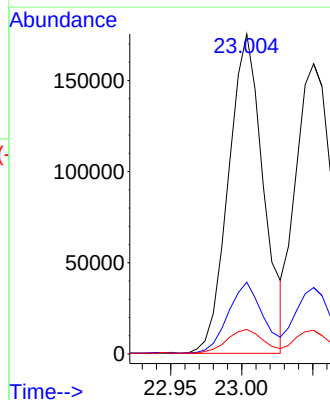
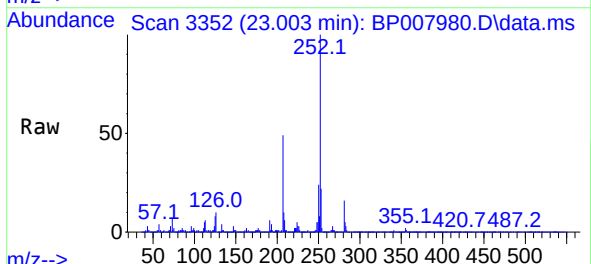
Manual Integrations
APPROVED

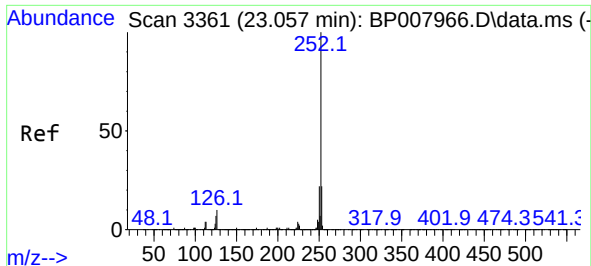
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#88
Benzo(b)fluoranthene
Concen: 4.568 ng
RT: 23.003 min Scan# 3352
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:252 Resp: 299550
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 7.6 7.4 11.0





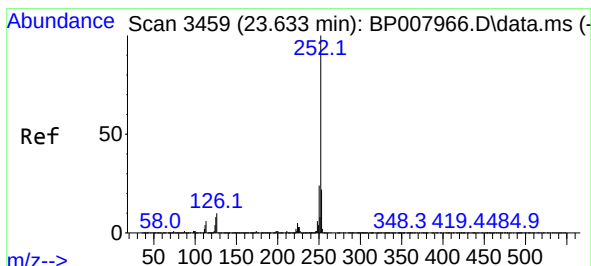
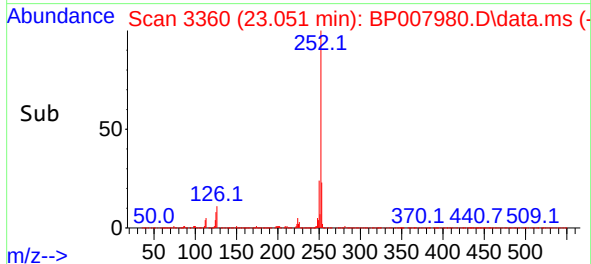
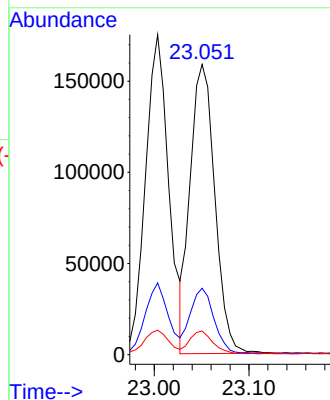
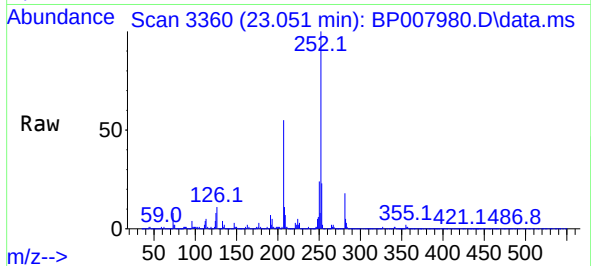
#89
Benzo(k)fluoranthene
Concen: 4.381 ng
RT: 23.051 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:252 Resp: 28700
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 8.2 7.4 11.0

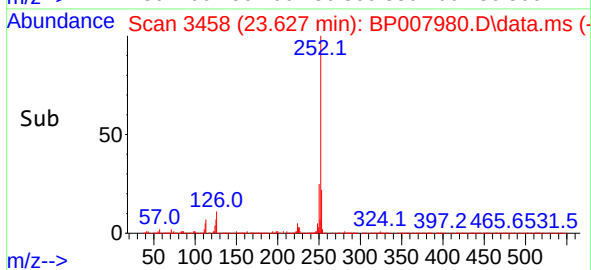
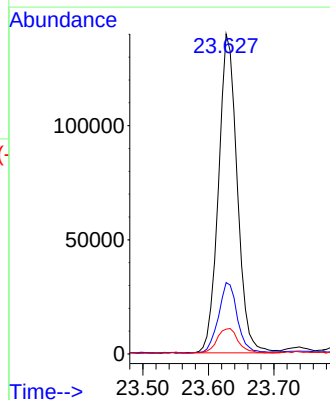
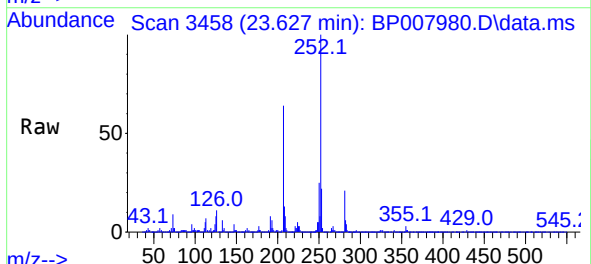
Manual Integrations
APPROVED

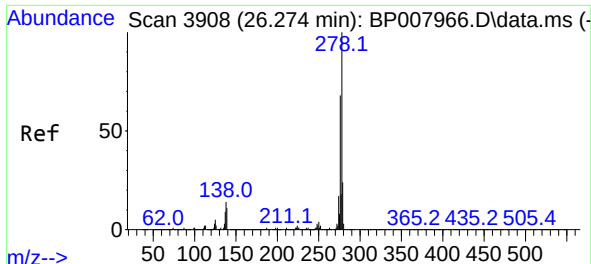
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#90
Benzo(a)pyrene
Concen: 4.936 ng
RT: 23.627 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

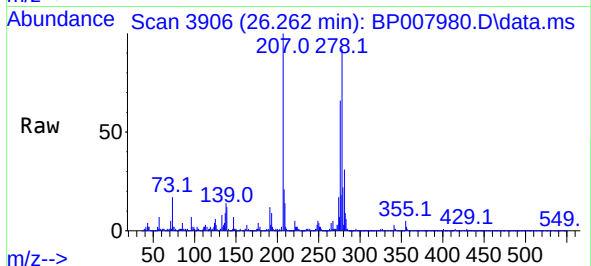
Tgt Ion:252 Resp: 276818
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.7 8.4 12.6#





#91
Dibenzo(a,h)anthracene
Concen: 4.169 ng
RT: 26.262 min Scan# 3906
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

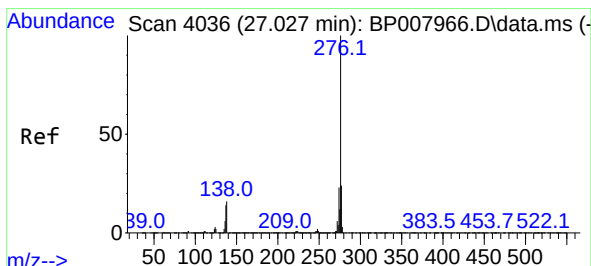
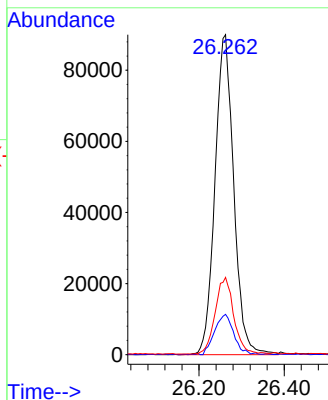
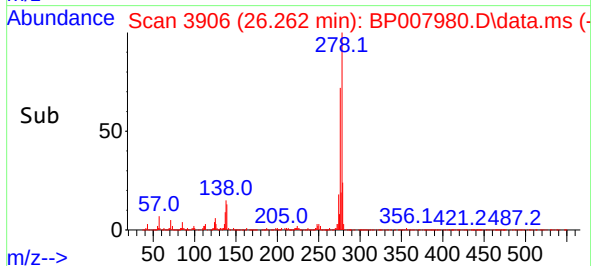
Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:278 Resp: 27509
Ion Ratio Lower Upper
278 100
139 12.6 11.8 17.6
279 24.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#92
Benzo(g,h,i)perylene
Concen: 4.199 ng
RT: 27.009 min Scan# 4033
Delta R.T. -0.018 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:276 Resp: 273062
Ion Ratio Lower Upper
276 100
277 21.7 19.4 29.0
138 17.1 16.2 24.4

